WAVE BOX

Flexibel, kompakt und lagerfreundlich

Die wave Endschalterbox wurde 2008 entwickelt und wird ausschließlich in Deutschland hergestellt. Mit ihrer klassischen Bauform ist sie sehr flexibel. In ihr finden 1-4 mechanische Mikroschalter und Sensoren in V3-Bauform Platz. Außerdem können 1-3 Schlitzinitiatoren und 1-2 zylindrische Sensoren (max. Durchmesser 18mm / max. Länge 50mm) eingebaut werden. Das Gehäuse ist in den Materialien Polyamid, Vestamid und Aluminium erhältlich. Durch den geschwungenen Deckel erreichen alle Ausführungen der wave Serie die Schutzart IP67. Es gibt eine preiswerte Ausführung mit einer sehr stabilen, mit glasfaserverstärkten Kunststoffbrücke und eine Chemieausführung mit unserer hochwertigen Edelstahlbrücke MBHV. Alle unsere Brücken sind höhen- und weitenverstellbar und sind standardmäßig im Lieferumfang enthalten.

Flexible, compact and easy to stock

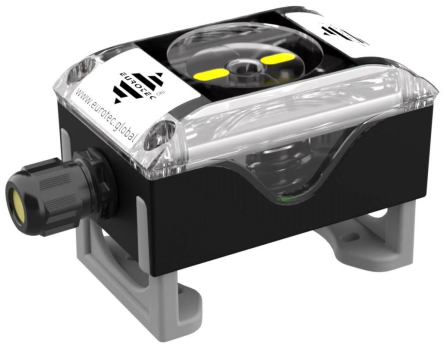
The wave limit switch box was developed in 2008 and is exlusively produced in Germany. Thanks to its classic design, it is very flexible. It can contain 1-4 mechanical micro switches and sensors in V3 design. Furthermore 1-3 slot type sensors and 1-2 cylindrical sensors (max. diameter 18mm / max. length 50mm) can be installed. The housing is available in polyamide, vestamid and aluminum. By means of the waved cover, wave series provide IP67 enclosure in all types. Wave box is available with two versions of brackets: an economical version with a very strong, reinforced plastic with fiber glass and a chemical version with our premium class stainless steel MBHV. All our brackets are adjustable in height and length and are always included in the delivery.



EUROTEC Antriebszubehör GmbH | Tel: +49 7543-93463-0 | Fax: +49 7543-93463-10 | sales@eurotec.global | www.eurotec.global

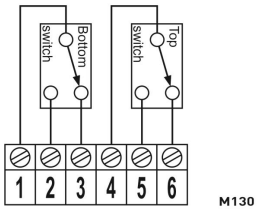
Endschalterbox, wave, PA/PC, 2x mechanisch, SPDT

Limit switch box, wave, PA/PC, 2x mechanical, SPDT



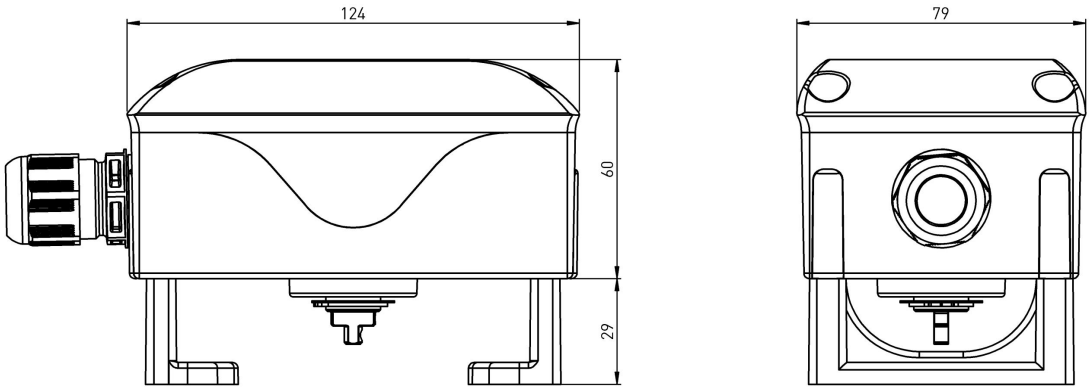
Artikelnummer Part number	**EPP2M01**
Endschaltertyp Switch type	ZF, D44X
Spannung/Strom Voltage/Current	10A(250V AC), 2,5A(24V DC)
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Polyamid-Montagebrücke 80x30x20mm (PA mit 30% Glasfaser)

- Polyamide mounting bracket 80x30x20mm (PA with 30% fiber glass)

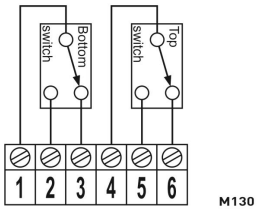
Endschalterbox, wave, PA/PC, 2x mechanisch, SPDT

Limit switch box, wave, PA/PC, 2x mechanical, SPDT



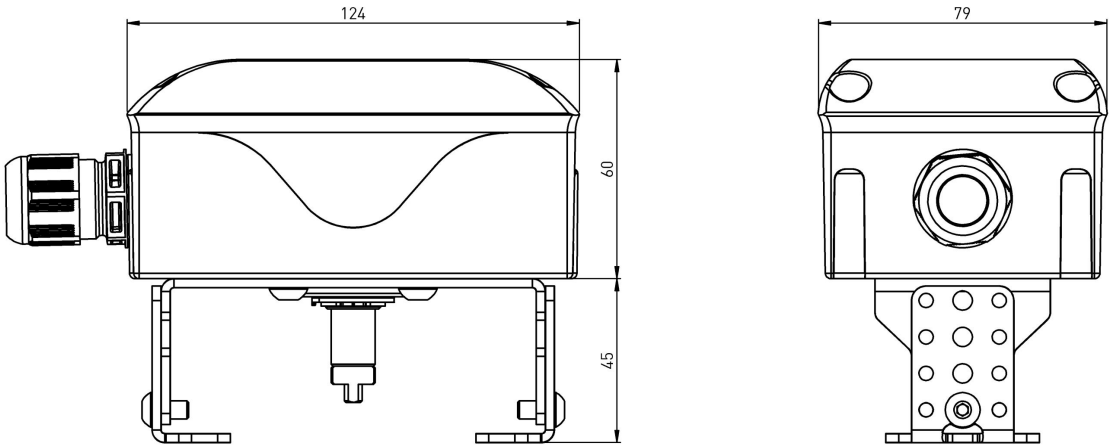
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Endschaltertyp Switch type	ZF, D44X
Spannung/Strom Voltage/Current	10A(250V AC), 2,5A(24V DC), SPDT
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

-MBH01 **Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)**
Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

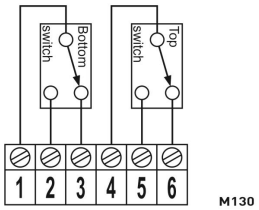
Endschalterbox, wave, Aluminium, 2x mechanisch, SPDT

Limit switch box, wave, Aluminum, 2x mechanical, SPDT



Artikelnummer Part number	**EAE2M01**
Endschaltertyp Switch type	ZF, D44X
Spannung/Strom Voltage/Current	10A(250V AC), 2,5A(24V DC)
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

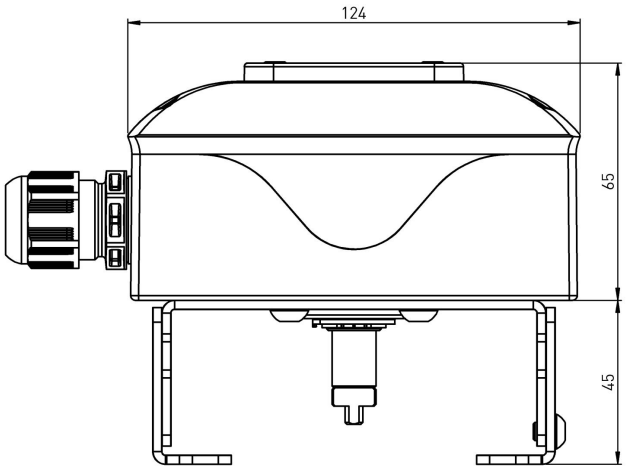
Klemmplan Wiring diagram

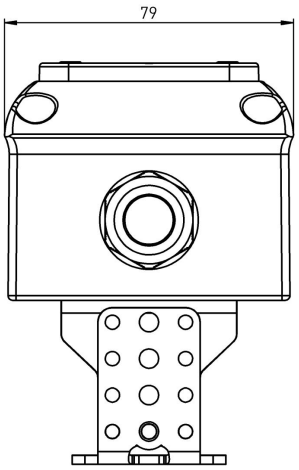


M130



MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01 **Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)**
Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

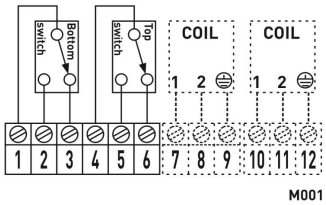
Endschalterbox, wave, PA/PC, 2x mechanisch, SPDT

Limit switch box, wave, PA/PC, 2x mechanical, SPDT



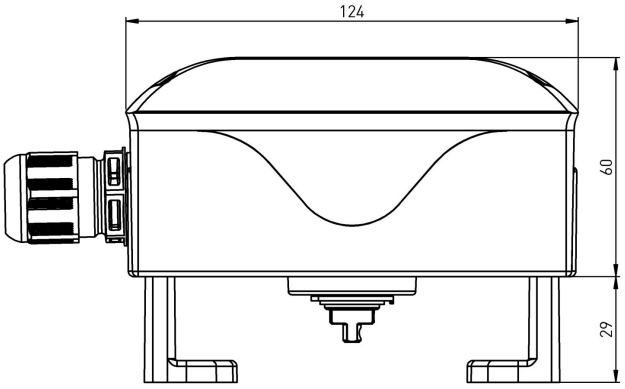
Artikelnummer Part number	**EPP2M01-488**
Endschaltertyp Switch type	Crouzet, 83161.8, Gold
Spannung/Strom Voltage/Current	Au:0,1A(250VAC/24VDC), Ag:10A(250VAC)/2,5A(24VDC)
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

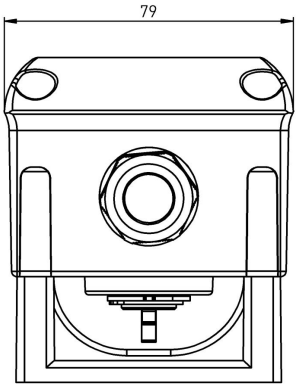
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

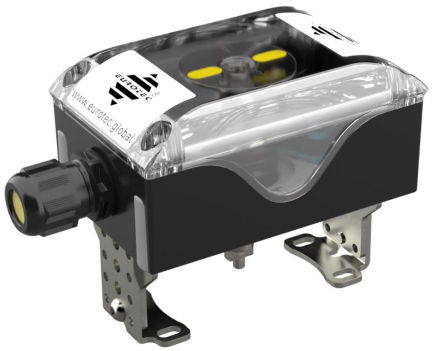
Besonderheiten Extras

- Polyamid-Montagebrücke 80x30x20mm (PA mit 30% Glasfaser)

- Polyamide mounting bracket 80x30x20mm (PA with 30% fiber glass)

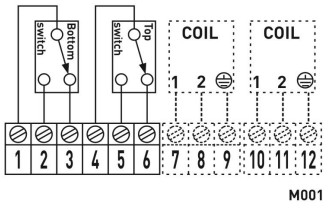
Endschalterbox, wave, PA/PC, 2x mechanisch, SPDT

Limit switch box, wave, PA/PC, 2x mechanical, SPDT



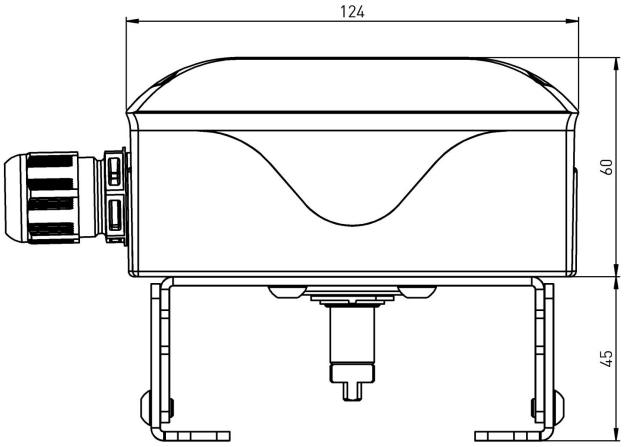
Artikelnummer Part number	**EPE2M01-488**
Endschaltertyp Switch type	Crouzet, 83161.8, Gold
Spannung/Strom Voltage/Current	Au:0,1A(250VAC/24VDC), Ag:10A(250VAC)/2,5A(24VDC)
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

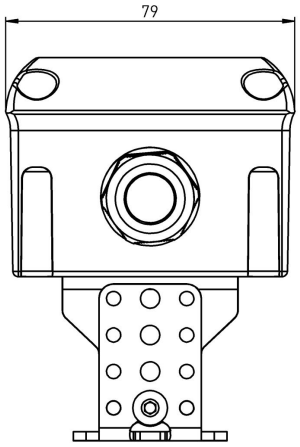
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

-MBH01 **Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)**
Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

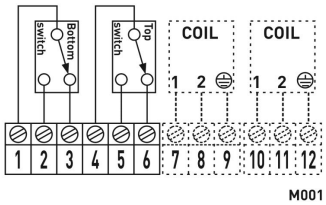
Endschalterbox, wave, Aluminium, 2x mechanisch, SPDT

Limit switch box, wave, Aluminum, 2x mechanical, SPDT



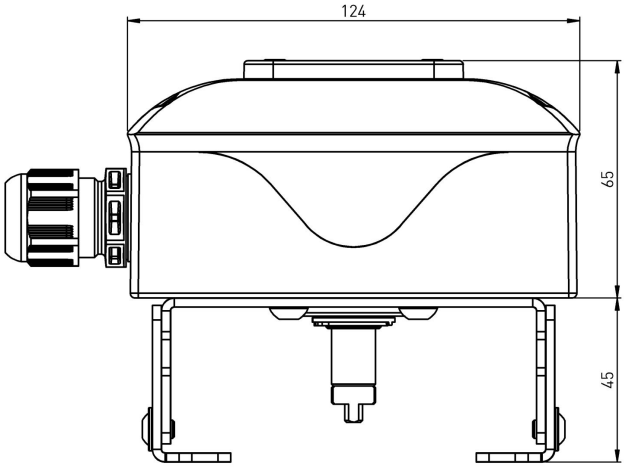
Artikelnummer Part number	**EAE2M01-488**
Endschaltertyp Switch type	Crouzet, 83161.8, Gold
Spannung/Strom Voltage/Current	Au:0,1A(250VAC/24VDC), Ag:10A(250VAC)/2,5A(24VDC)
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

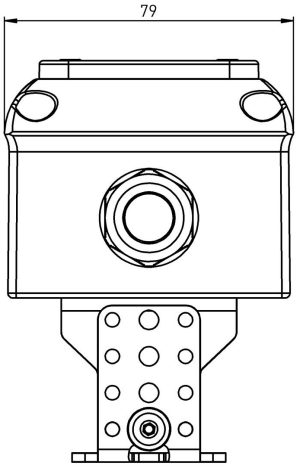
Klemmplan Wiring diagram





MaßzeichnungDimensions





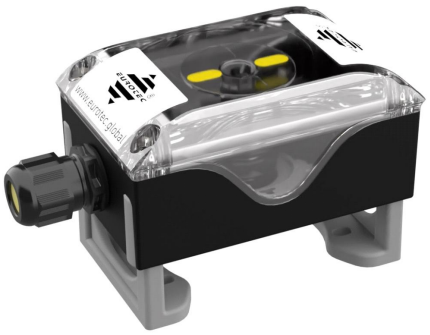
Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

-MBH01 **Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)**
Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

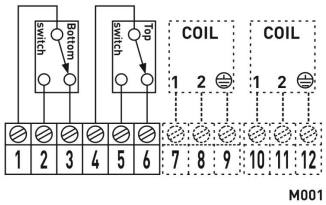
Endschalterbox, wave, PA/PC, 2x mechanisch, SPDT

Limit switch box, wave, PA/PC, 2x mechanical, SPDT



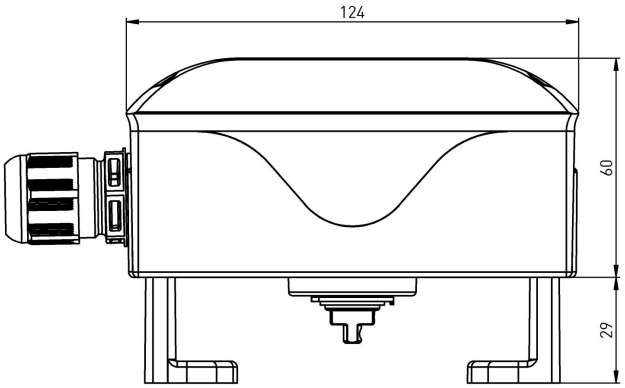
Artikelnummer Part number	**EPP2M01-618**
Endschaltertyp Switch type	Honeywell, V15H10, Gold
Spannung/Strom Voltage/Current	10A 125/250V AC, 0.5A 125V DC, 0.25A 250V DC
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

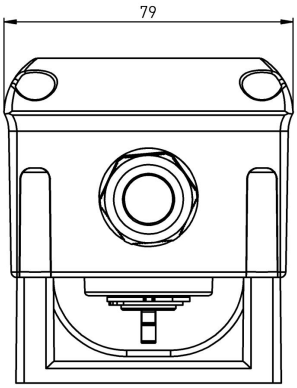
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- 0,1 A 125V AC / 0,1A 30V DC
- Polyamid-Montagebrücke 80x30x20mm (PA mit 30% Glasfaser)

0,1 A 125V AC / 0,1A 30V DC
- Polyamide mounting bracket 80x30x20mm (PA with 30% fiber glass)

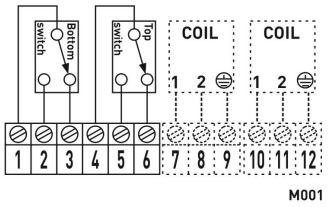
Endschalterbox, wave, Aluminium, 2x mechanisch, SPDT

Limit switch box, wave, Aluminum, 2x mechanical, SPDT



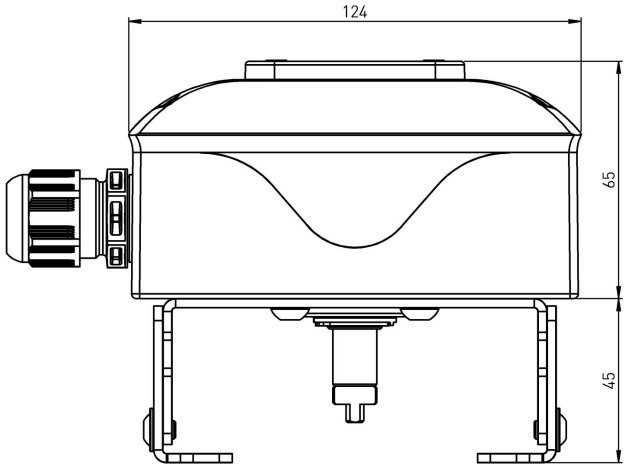
Artikelnummer Part number	**EAE2M01-618**
Endschaltertyp Switch type	Honeywell, V15H10, Gold
Spannung/Strom Voltage/Current	10A 125/250V AC, 0.5A 125V DC, 0.25A 250V DC
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

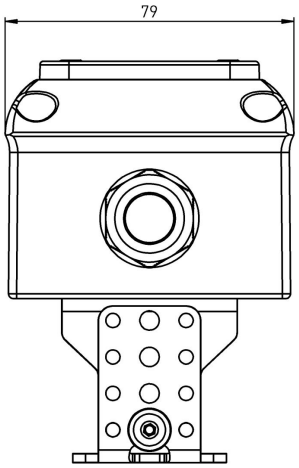
Klemmplan Wiring diagram





MaßzeichnungDimensions





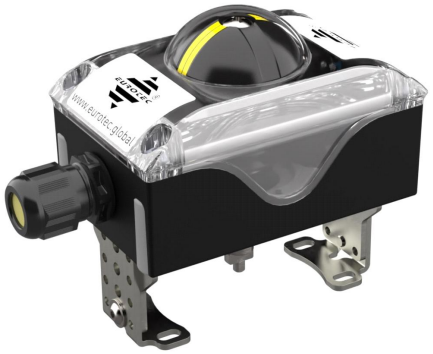
Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

-MBH01 **Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)**
Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

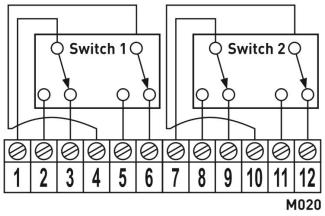
Endschalterbox, wave, PA/PC, 2x mechanisch, DPDT

Limit switch box, wave, PA/PC, 2x mechanical, DPDT



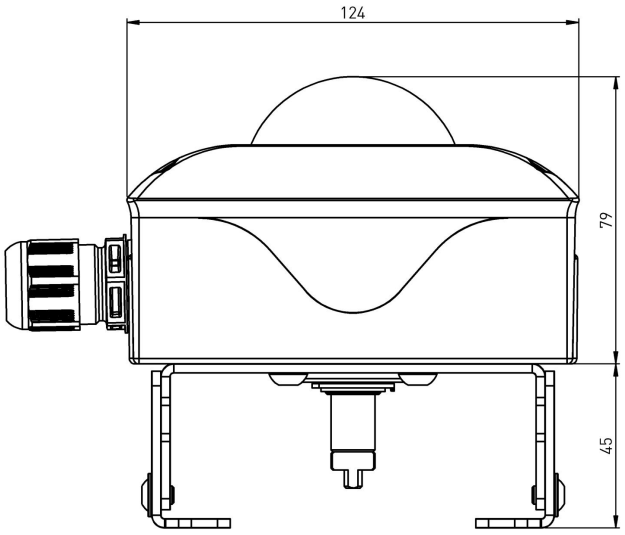
Artikelnummer Part number	**EPE2M01-609-3D**
Endschaltertyp Switch type	ZF, D44X-DPDT
Spannung/Strom Voltage/Current	10A(250V AC), 2,5A(24V DC), DPDT
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

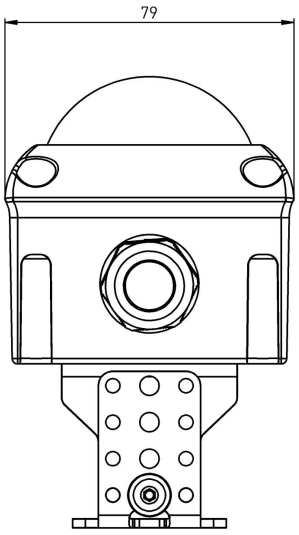
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

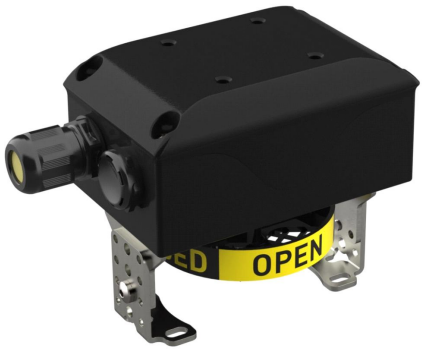
Besonderheiten Extras

- 3D-Anzeige
- Schalter: je 2x SPDT zu 1x DPDT umfunktioniert
- Klemme: 12-polig, schwarz

- 3D indicator
- Switches: 2x SPDT modified for 1x DPDT
- Terminal block: 12-pole, black

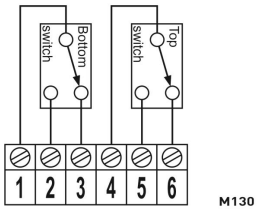
Endschalterbox, wave, Aluminium, 2x mechanisch, SPDT

Limit switch box, wave, Aluminum, 2x mechanical, SPDT



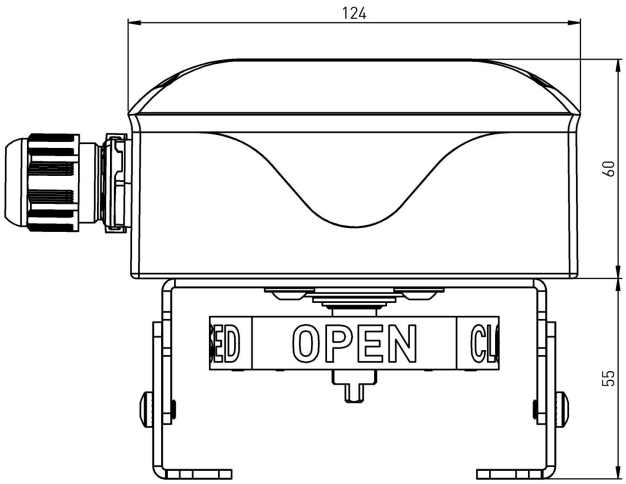
Artikelnummer Part number	**EAE2M02-40°C**
Endschaltertyp Switch type	ZF, D44X
Spannung/Strom Voltage/Current	10A(250V AC), 2,5A(24V DC), SPDT
IP-Schutz IP protection	IP66/IP67/IP68
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-40...+80°C
Gehäuse Material Housing material	Aluminium, EPDM, MVQ, PTFE
Anschlüsse Connections	1x M20x1,5

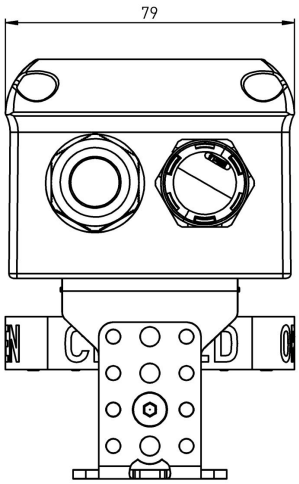
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH02	**Edelstahl-Montagebrücke, verstellbar, 80x30x30mm (1.4301)** Stainless steel bracket, adjustable, 80x30x30mm (AISI 304)

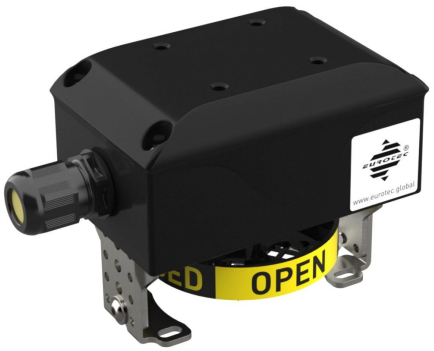
Besonderheiten Extras

- Deckel ohne Sichtfenster
- Druckausgleichselement
- Welle mit Silikon Dichtungen
- Stahl verzinkte Betätiger (SE-BT-STVZ-E)
- OPEN-CLOSED Anzeige unter der Box

- Cover without indication window
- Venting element
- Cams galvanised steel
- Shaft with silicone sealings
- OPEN-CLOSED indicator below the box

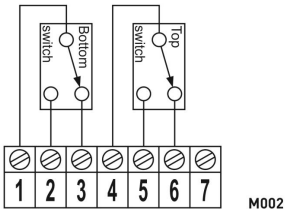
Endschalterbox, wave, Aluminium, 2x mechanisch, SPDT

Limit switch box, wave, Aluminum, 2x mechanical, SPDT



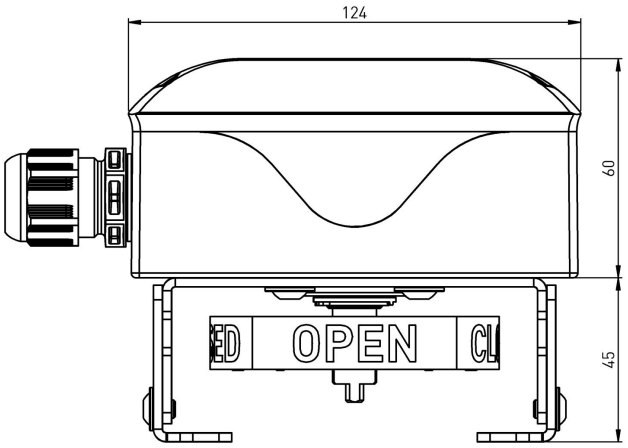
Artikelnummer Part number	**EAE2M01-488-50°C**
Endschaltertyp Switch type	Crouzet, 83161.8, Gold
Spannung/Strom Voltage/Current	Au:0,1A(250VAC/24VDC), Ag:10A(250VAC)/2,5A(24VDC)
IP-Schutz IP protection	IP66/IP67/IP68
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	-50...+80°C
Gehäuse Material Housing material	Aluminium, EPDM, MVQ, PTFE
Anschlüsse Connections	1x M20x1,5

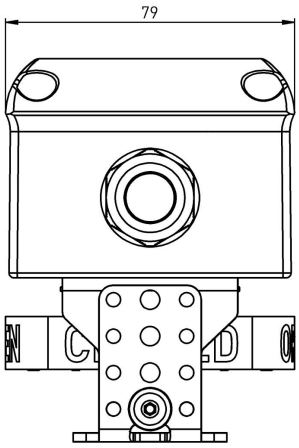
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

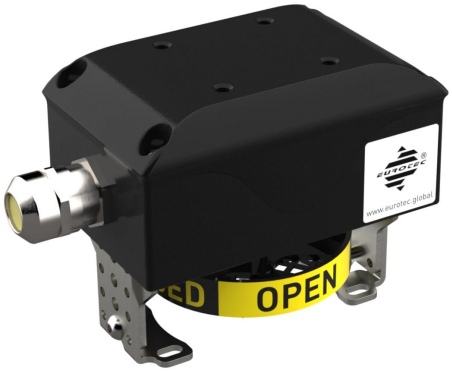
Besonderheiten Extras

- Deckel ohne Sichtfenster
- Betätiger Stahl verzinkt (SE-BT-STVZ-E)
- Klemme: 7-polig, braun
- Litzen HELUTHERM
- Tieftemperatur-Kabelverschraubung M20x1,5, schwarz
- Welle mit Silikon Dichtungen
- OPEN-CLOSED Anzeige unter der Box

- Cover without indication window
- OPEN-CLOSED indicator below the box
- Cams zink coated steel (SE-BT-STVZ-E)
- Terminal block: 7-pole, brown
- Low temperature cable gland M20x1,5, black (cable 6-12mm)

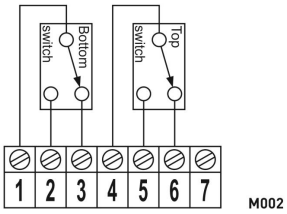
Endschalterbox, wave, Aluminium, 2x mechanisch, SPDT

Limit switch box, wave, Aluminum, 2x mechanical, SPDT



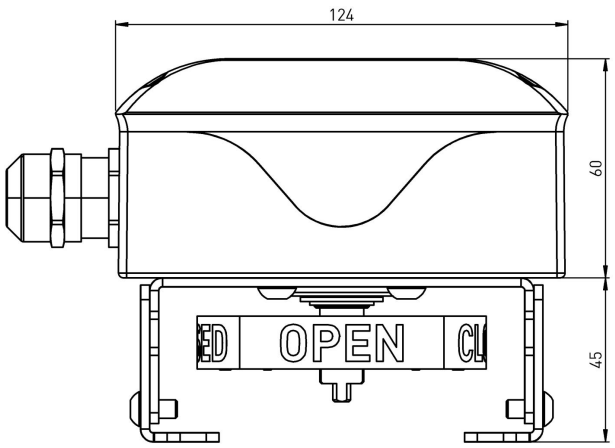
Artikelnummer Part number	**EAE2M01-488-H120°C**
Endschaltertyp Switch type	Crouzet, 83161.8, Gold
Spannung/Strom Voltage/Current	Au:0,1A(250VAC/24VDC), Ag:10A(250VAC)/2,5A(24VDC)
IP-Schutz IP protection	IP66/IP67/IP68
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+120°C
Gehäuse Material Housing material	Aluminium, MVQ, PTFE
Anschlüsse Connections	1x M20x1,5

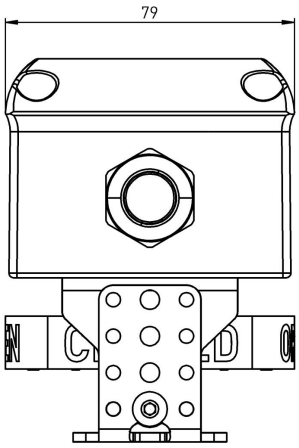
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

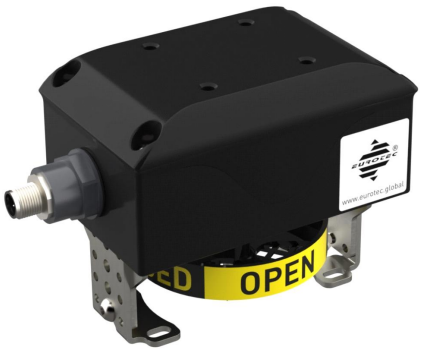
- Deckel ohne Sichtfenster
- OPEN-CLOSED Anzeige unter der Box
- Klemme: 7-polig, braun
- Sonder-Distanzringe SE-DR-1,2-TT
- Messing-Hochtemperaturkabelverschraubung M20x1,5
- Hochtemperatur-Welle

- Cover without indication window
- OPEN-CLOSED indicator below the box
- Terminal block: 7-pole, brown
- Special distance rings SE-DR-1,5-TT
- High temperature brass cable gland M20x1,5
- High temperature shaft

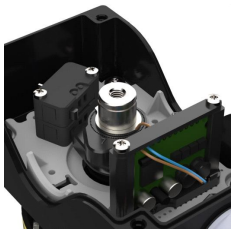
Endschalterbox, wave, Aluminium, 2x mechanisch, SPST NO

Limit switch box, wave, Aluminum, 2x mechanical, SPST NO

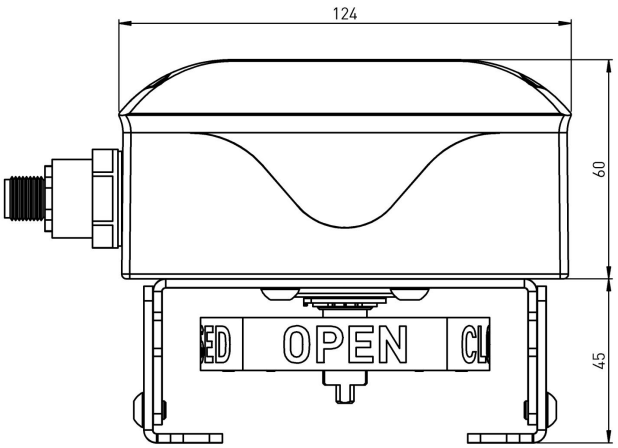
Artikelnummer Part number	**EAE2M01-ASI-M124P**
Endschaltertyp Switch type	ZF, D44X
Spannung/Strom Voltage/Current	30V (18...31,6V), max. 80mA, SPST NO
IP-Schutz IP protection	IP67
SIL Level SIL level	--
Umgebungstemperatur Ambient temperature	-25...+70°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	AS-i

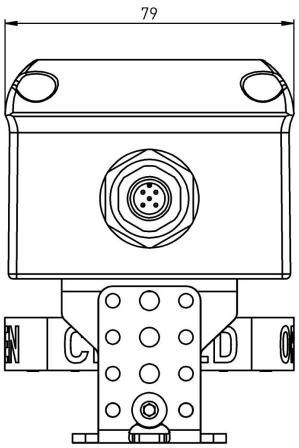


Klemmplan Wiring diagram



MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

- für die Anbindung als Slave im AS-i Netz
- M12-Steckverbindung, 4-polig, statt Kabelverschraubung

- for the connection as slave in the AS-i net
- M12 plug connection, 4-pole, instead of cable gland

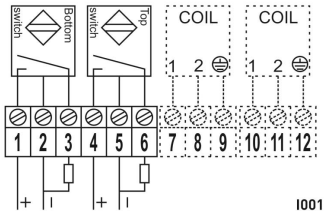
Endschalterbox, wave, PA/PC, 2x induktiv V3, 3-Draht

Limit switch box, wave, PA/PC, 2x proximity V3, 3-wire



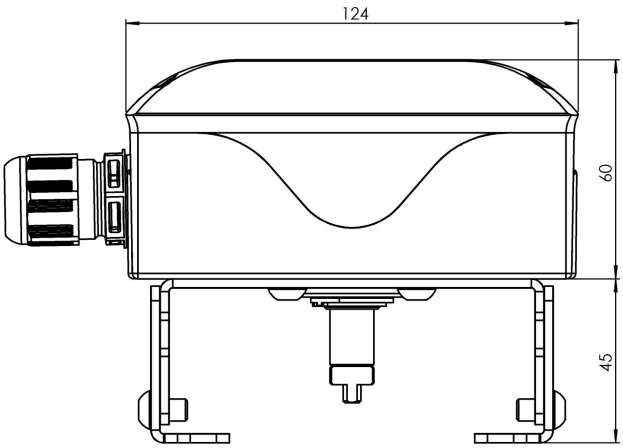
Artikelnummer Part number	**EPE2I01**
Endschaltertyp Switch type	P+F, NBB2-V3-E2
Spannung/Strom Voltage/Current	10-30V DC, 100mA, PNP NO
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+70°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

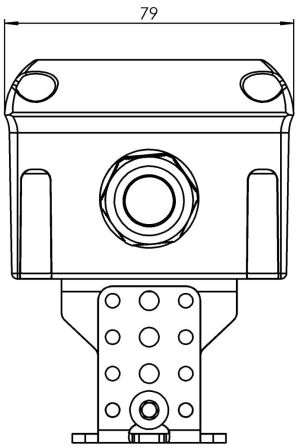
Klemmplan Wiring diagram





MaßzeichnungDimensions





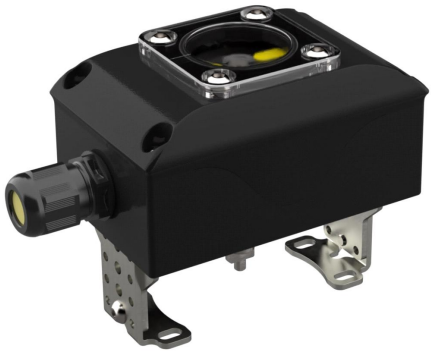
Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

-MBH01 **Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)**
Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

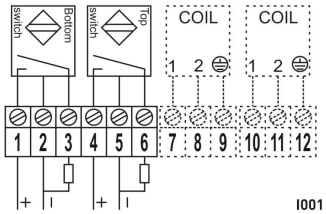
Endschalterbox, wave, Aluminium, 2x induktiv V3, 3-Draht

Limit switch box, wave, Aluminum, 2x proximity V3, 3-wire



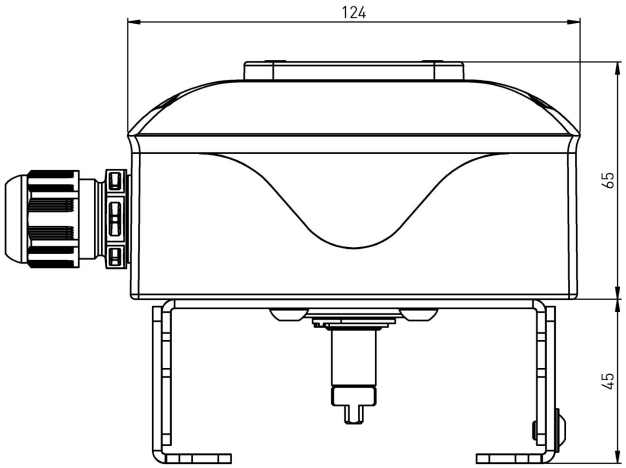
Artikelnummer Part number	**EAE2I01**
Endschaltertyp Switch type	P+F, NBB2-V3-E2
Spannung/Strom Voltage/Current	10-30V DC, 100mA, PNP NO
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+70°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

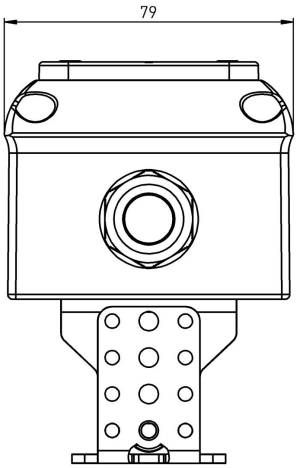
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

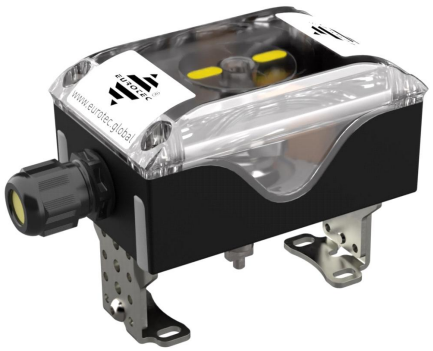
Besonderheiten Extras

-MBH01 **Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)**
Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

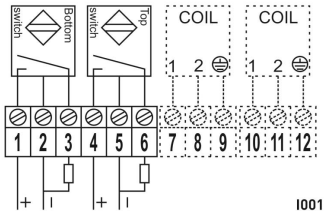
Endschalterbox, wave, PA/PC, 2x induktiv V3, 3-Draht

Limit switch box, wave, PA/PC, 2x proximity V3, 3-wire

Artikelnummer Part number	**EPE2I01-7**
Endschaltertyp Switch type	IFM, IS5001
Spannung/Strom Voltage/Current	10-30V DC, 0-200mA, PNP NO
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

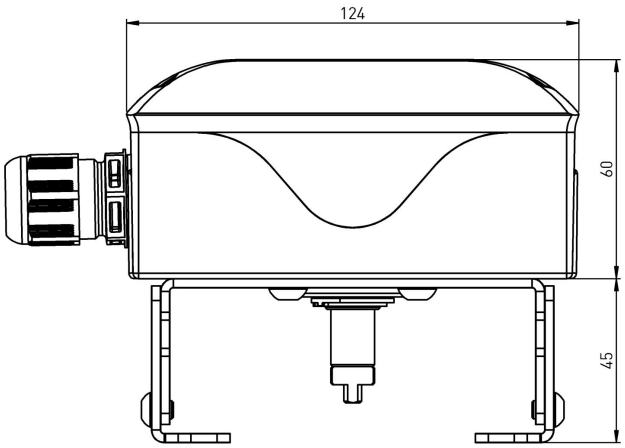


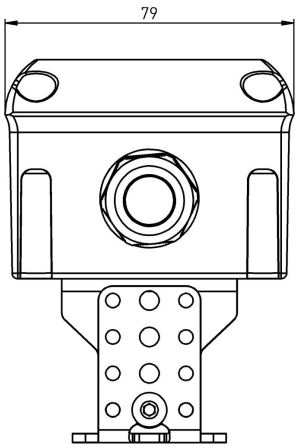
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

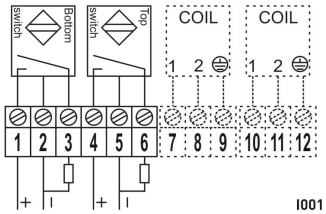
Endschalterbox, wave, Aluminium, 2x induktiv V3, 3-Draht

Limit switch box, wave, Aluminum, 2x proximity V3, 3-wire



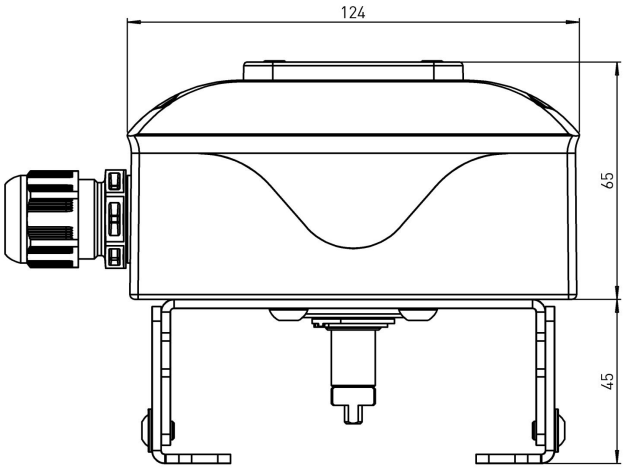
Artikelnummer Part number	**EAE2I01-7**
Endschaltertyp Switch type	IFM, IS5001
Spannung/Strom Voltage/Current	10-30V DC, 200mA, PNP NO
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

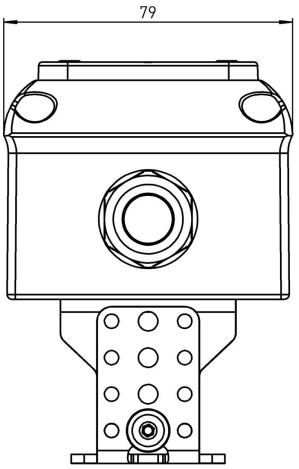
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

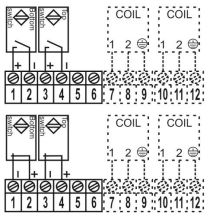
Endschalterbox, wave, Aluminium, 2x induktiv V3, 2-Draht

Limit switch box, wave, Aluminum, 2x proximity V3, 2-wire



Artikelnummer Part number	**EAE2I01-19**
Endschaltertyp Switch type	IFM, IS5026
Spannung/Strom Voltage/Current	5-36V DC, 0-200mA, PNP/NPN NO/NC
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

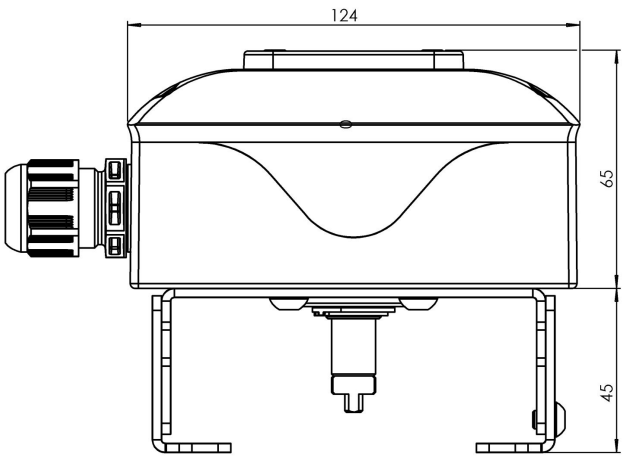
Klemmplan Wiring diagram

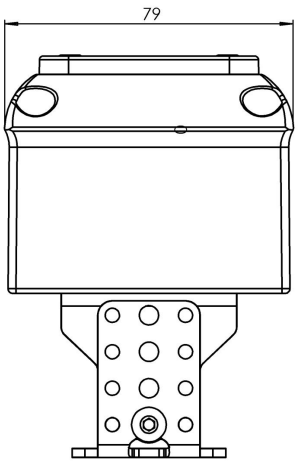


I002



MaßzeichnungDimensions





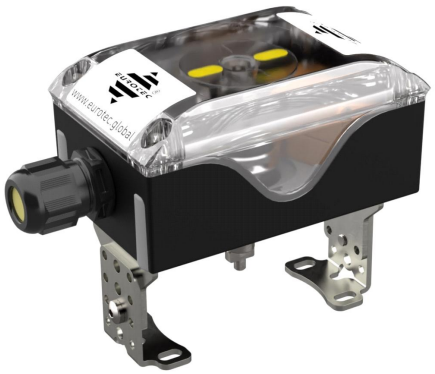
Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

-MBH01 **Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)**
Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

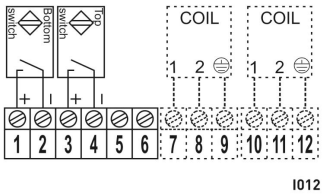
Endschalterbox, wave, PA/PC, 2x induktiv V3, 2-Draht

Limit switch box, wave, PA/PC, 2x proximity V3, 2-wire



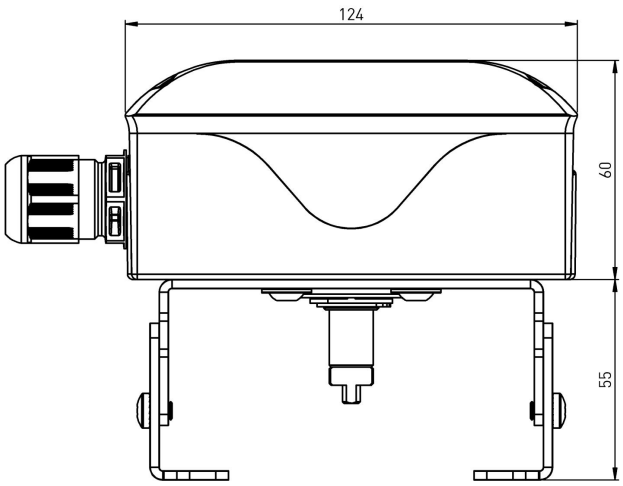
Artikelnummer Part number	**EPE2I02-29**
Endschaltertyp Switch type	IFM, IN0073
Spannung/Strom Voltage/Current	20-250VAC/DC 350mA-AC/100mA-DC, NO
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

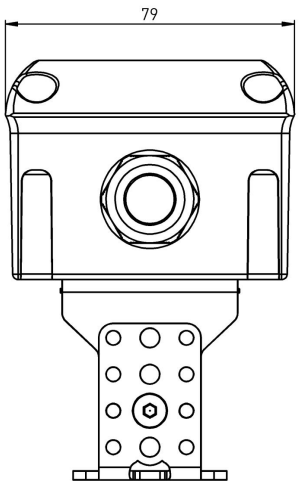
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

-MBH02	**Edelstahl-Montagebrücke, verstellbar, 80x30x30mm (1.4301)** Stainless steel bracket, adjustable, 80x30x30mm (AISI 304)

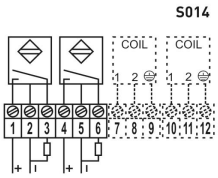
Endschalterbox, wave, Vestamid, 2x Schlitz, 3-Draht

Limit switch box, wave, Vestamid, 2x slot type, 3-wire

Artikelnummer Part number	**EVE2S01-25**
Endschaltertyp Switch type	P+F, SB3,5-E2
Spannung/Strom Voltage/Current	10-30V DC, 0-100mA, PNP NO
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+70°C
Gehäuse Material Housing material	Vestamid, Grilamid, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

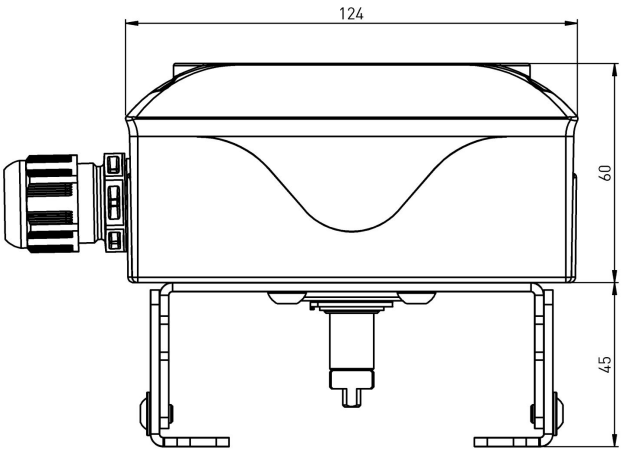


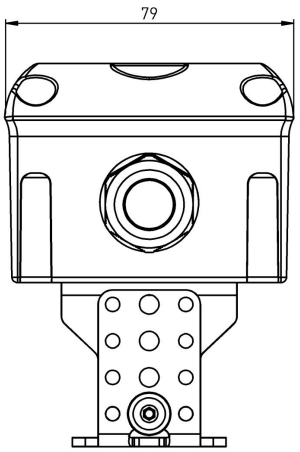
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

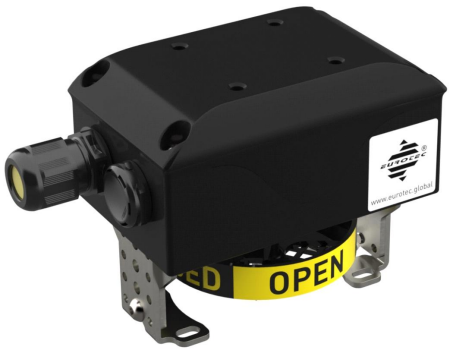
- Betätigungssystem mit Verzahnung, Endlagen bedämpft

- Interlocking activation system, end-positions activated

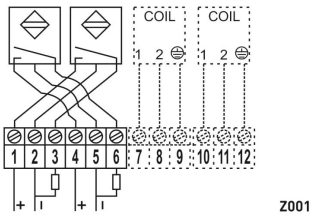
Endschalterbox, wave, Aluminium, 2x induktiv M12, 3-Draht

Limit switch box, wave, Aluminum, 2x proximity M12, 3-wire

Artikelnummer Part number	**EAE2I01-508-40°C**
Endschaltertyp Switch type	IFM, IFS256
Spannung/Strom Voltage/Current	10-30V DC, 100mA, PNP NO
IP-Schutz IP protection	IP66/IP67/IP68
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-40...+80°C
Gehäuse Material Housing material	Aluminium, EPDM, MVQ, PTFE
Anschlüsse Connections	1x M20x1,5



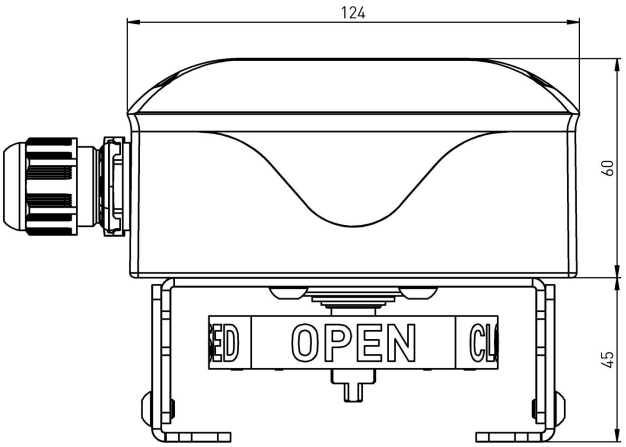
Klemmplan Wiring diagram

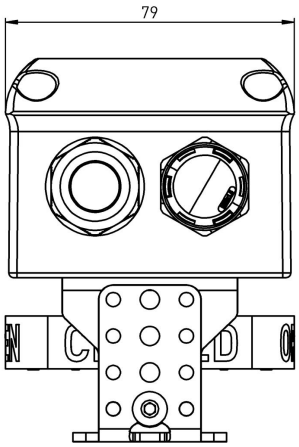


Z001



MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

- Deckel ohne Sichtfenster
- Druckausgleichselement
- Welle mit Silikon Dichtungen
- Sonder-Distanzringe SE-DR-1,5-TT
- OPEN-CLOSED Anzeige unter der Box

- Cover without indication window
- Venting element
- Shaft with silicone o-rings
- Special distance rings SE-DR-1,5-TT
- OPEN-CLOSED indicator below the box

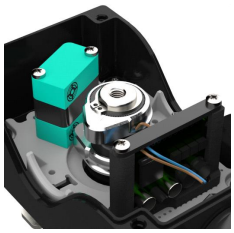
Endschalterbox, wave, Aluminium, 2x induktiv V3, 2-Draht NO

Limit switch box, wave, Aluminum, 2x proximity V3, 2-wire NO

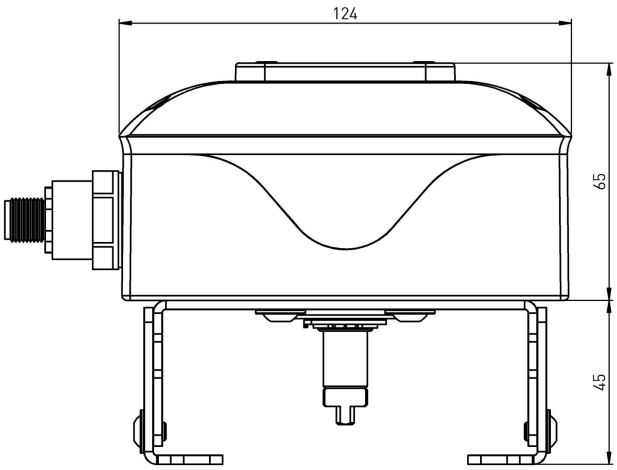


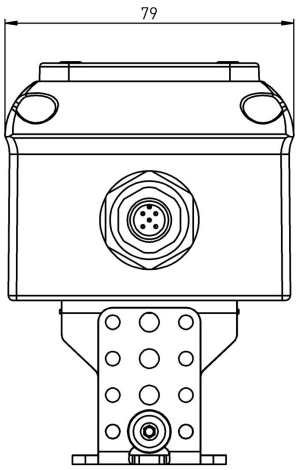
Artikelnummer Part number	**EAE2I01-9-ASI-M124P**
Endschaltertyp Switch type	P+F, NBB3-V3-Z4
Spannung/Strom Voltage/Current	30V (18...31,6V), max. 80mA
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+70°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	AS-i

Klemmplan Wiring diagram



MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

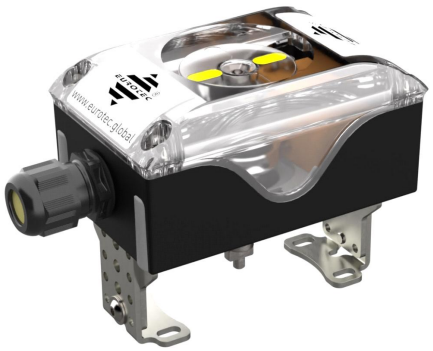
Besonderheiten Extras

- AS-i Leiterplattenmodul
- Schalter mit Schließerfunktion
- M12-Steckverbindung, 4-polig, statt Kabelverschraubung

- AS-i Printed Circuit Board Module
- Switches NO
- M12 plug connection, 4-pole, instead of cable gland

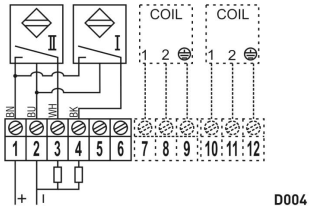
Endschalterbox, wave, PA/PC, 1x Doppelsensor, 3-Draht

Limit switch box, wave, PA/PC, 1x dual sensor, 3-wire



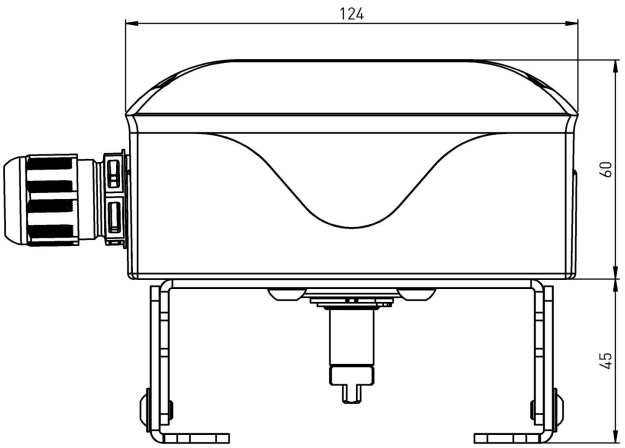
Artikelnummer Part number	**EPE1D01-42**
Endschaltertyp Switch type	IFM, IN5251
Spannung/Strom Voltage/Current	10-36V DC, 250mA, 2x PNP NO
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

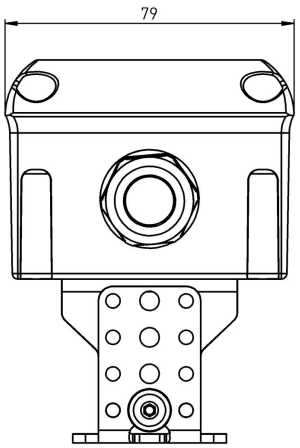
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

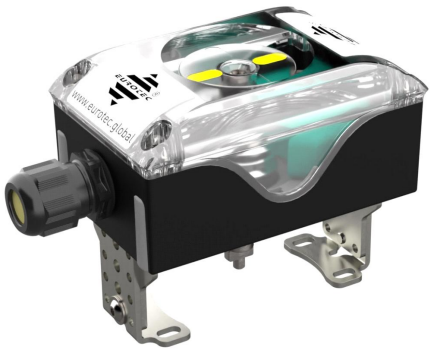
Besonderheiten Extras

-MBH01 **Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)**
Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

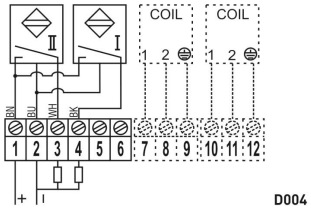
Endschalterbox, wave, PA/PC, 1x Doppelsensor, 3-Draht

Limit switch box, wave, PA/PC, 1x dual sensor, 3-wire

Artikelnummer Part number	**EPE1D01-305**
Endschaltertyp Switch type	P+F, NBN4-F25-E8-0,14M
Spannung/Strom Voltage/Current	10-30V DC, 0-200mA, 2x PNP NO
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+70°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

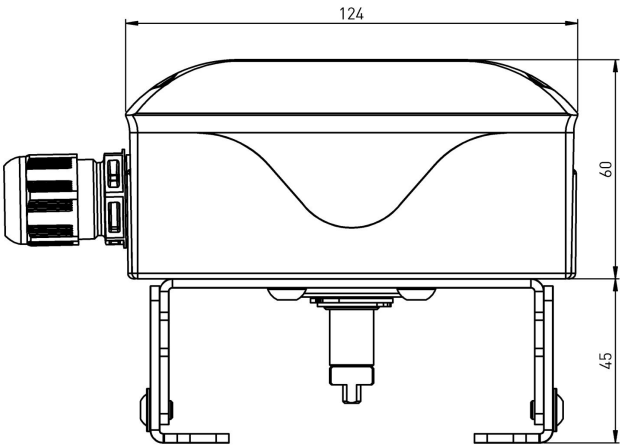


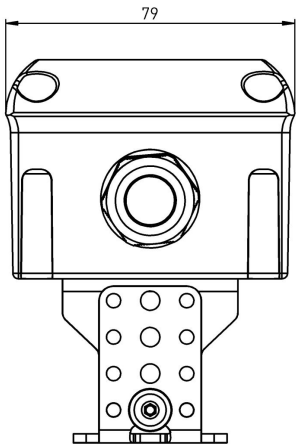
Klemmplan Wiring diagram





MaßzeichnungDimensions





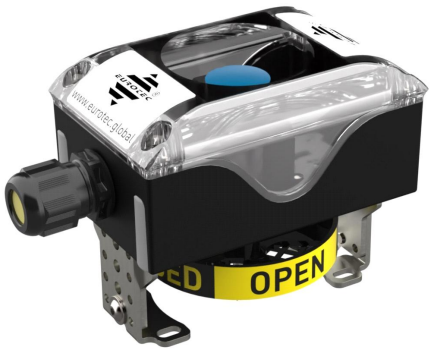
Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

-MBH01 **Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)**
Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

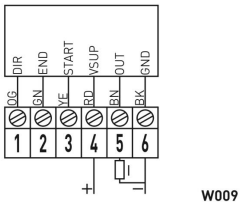
Endschalterbox, wave, PA/PC, 1x Winkelsensor 4-20 mA

Limit switch box, wave, PA/PC, 1x position transmitter 4-20 mA



Artikelnummer Part number	**EPE1W01-759**
Endschaltertyp Switch type	WS-4-20MA-360°
Spannung/Strom Voltage/Current	VSUP: 11-30 V DC / 4-20 mA analog output
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

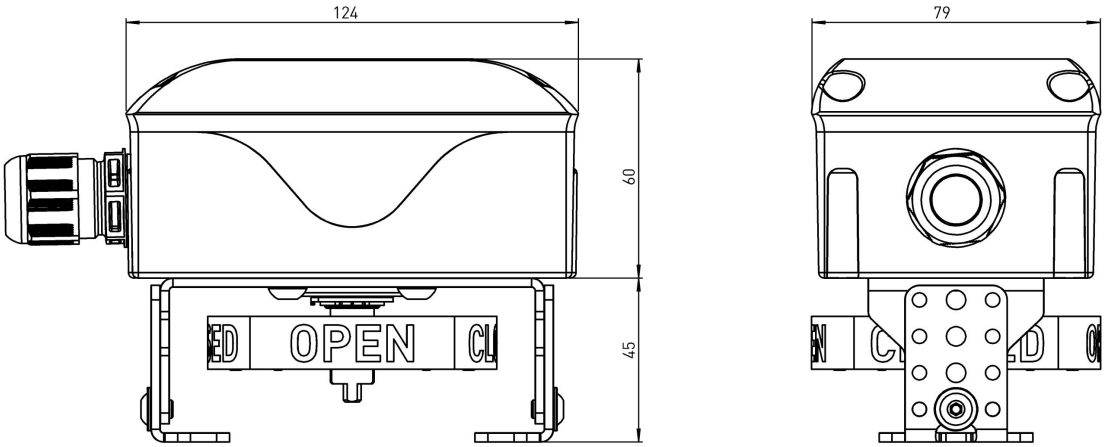
Klemmplan Wiring diagram



W009



MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

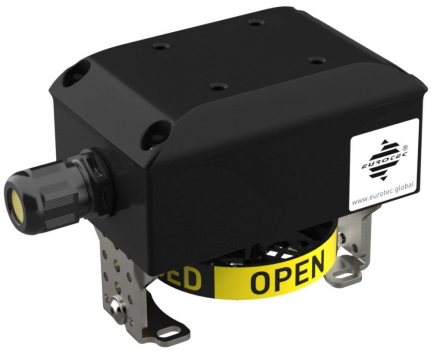
- OPEN-CLOSED Anzeige unter der Box
- Stromaufnahme (ohne Last): < 14 mA
- Ausgangsbelastung: = 500 Ohm, Drehsinn: CW/CCW
- elektrisch wirksame Drehwinkel [°]
- Messbereich: 0 - 360° (pre-set: 0 - 90°)
- Schaltpunkte einstellbar, Auflösung: 12 Bit
- Absolute Linearität: 0,1% gem. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B

- Cover without indication window, OPEN-CLOSED indicator below the box
- Current consumption (no load): < 14 mA
- Initial load: = 500 Ohm, Rotation: CW/CCW
- electrically effective rotation [°]
- Measuring range: 0 - 360° (pre-set: 0 - 90°)
- switching points adjustable, resolution: 12 Bit
- absolute linearity: 0,1% acc. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B

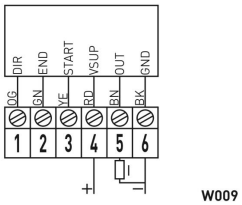
Endschalterbox, wave, Aluminium, 1x Winkelsensor 4-20 mA

Limit switch box, wave, Aluminium, 1x position transmitter 4-20 mA

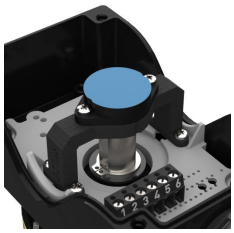
Artikelnummer Part number	**EAE1W01-759**
Endschaltertyp Switch type	WS-4-20MA-360°
Spannung/Strom Voltage/Current	VSUP: 11-30 V / 4-20 mA analog output
IP-Schutz IP protection	IP66/IP67/IP68
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5



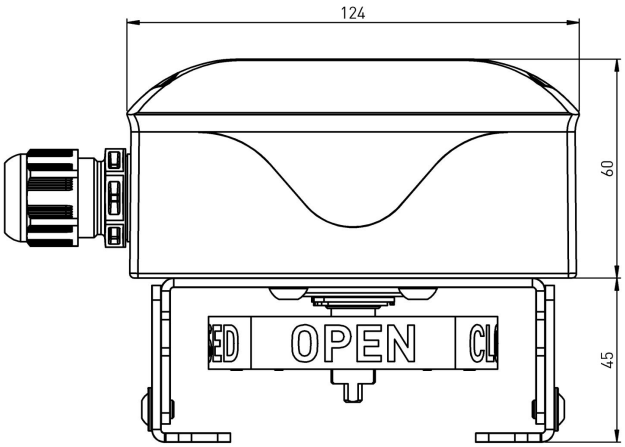
Klemmplan Wiring diagram

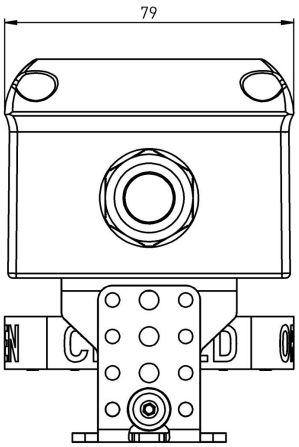


W009



MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

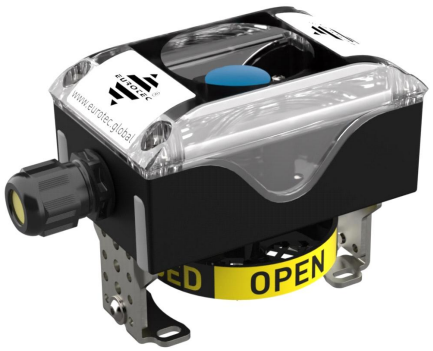
- Deckel ohne Sichfenster, OPEN-CLOSED Anzeige unter der Box
- Stromaufnahme (ohne Last): < 14 mA
- Ausgangsbelastung: = 500 Ohm, Drehsinn: CW/CCW
- elektrisch wirksame Drehwinkel [°]
- Messbereich: 0 - 360° (pre-set: 0 - 90°)
- Schaltpunkte einstellbar, Auflösung: 12 Bit
- Absolute Linearität: 0,1% gem. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B

- Cover without indication window, OPEN-CLOSED indicator below the box
- Current consumption (no load): < 14 mA
- Initial load: = 500 Ohm, Rotation: CW/CCW
- electrically effective rotation [°]
- Measuring range: 0 - 360° (pre-set: 0 - 90°)
- switching points adjustable, resolution: 12 Bit
- absolute linearity: 0,1% acc. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B

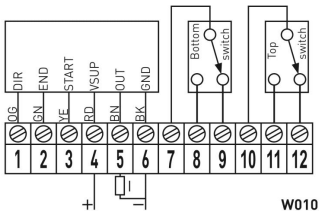
Endschalterbox, wave, PA/PC, 1x Winkelsensor 4-20 mA

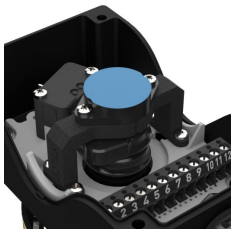
Limit switch box, wave, PA/PC, 1x position transmitter 4-20 mA

Artikelnummer Part number	**EPE1W01-759-2M**
Endschaltertyp Switch type	2x ZF, D44X, 10A(250V AC), 2,5A(24V DC), SPDT
Spannung/Strom Voltage/Current	VSUP: 11-30 V DC / 4-20 mA analog output
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

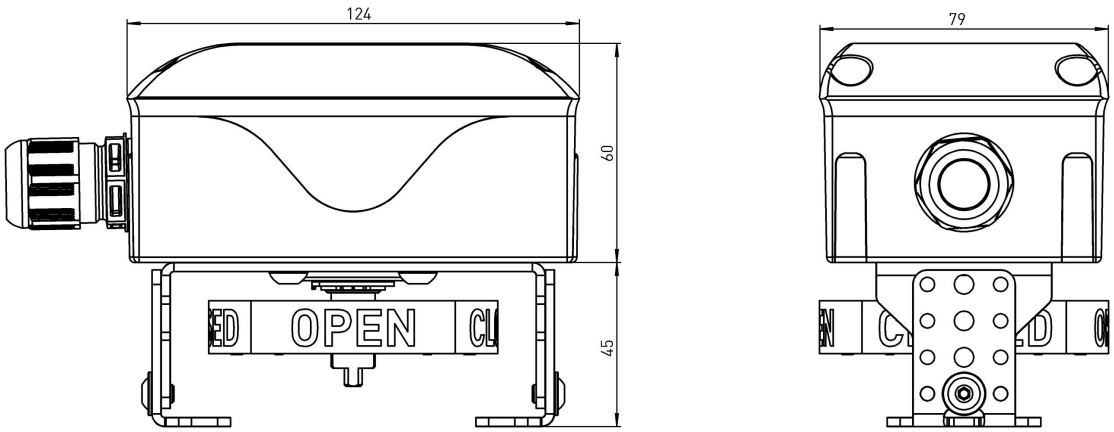


Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

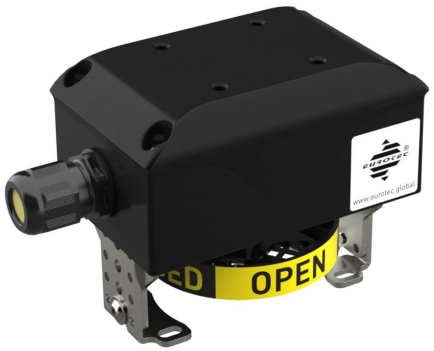
- OPEN-CLOSED Anzeige unter der Box
- Stromaufnahme (ohne Last): < 14 mA
- Ausgangsbelastung: = 500 Ohm, Drehsinn: CW/CCW
- elektrisch wirksame Drehwinkel [°]
- Messbereich: 0 - 360° (pre-set: 0 - 90°)
- Schaltpunkte einstellbar, Auflösung: 12 Bit
- Absolute Linearität: 0,1% gem. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B
- Zusätzliche Endlagenrückmeldung: 0 - 90° (mech.)

- Cover without indication window, OPEN-CLOSED indicator below the box
- Current consumption (no load): < 14 mA
- Initial load: = 500 Ohm, Rotation: CW/CCW
- electrically effective rotation [°]
- Measuring range: 0 - 360° (pre-set: 0 - 90°)
- switching points adjustable, resolution: 12 Bit
- absolute linearity: 0,1% acc. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B
- Additional position feedback: 0 - 90° (mech.)

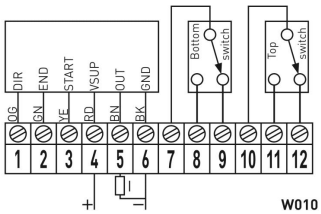
Endschalterbox, wave, Aluminium, 1x Winkelsensor 4-20 mA

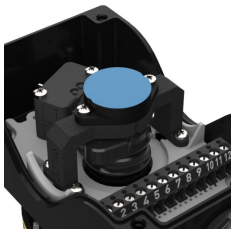
Limit switch box, wave, Aluminium, 1x position transmitter 4-20 mA

Artikelnummer Part number	**EAE1W01-759-2M**
Endschaltertyp Switch type	2x ZF, D44X, 10A(250V AC), 2,5A(24V DC), SPDT
Spannung/Strom Voltage/Current	VSUP: 11-30 V / 4-20 mA analog output
IP-Schutz IP protection	IP66/IP67/IP68
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

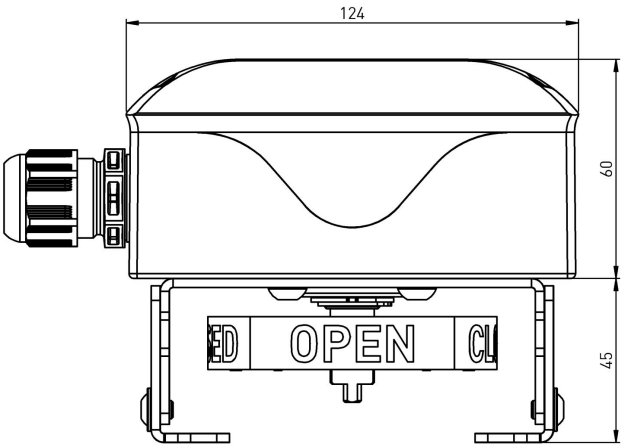


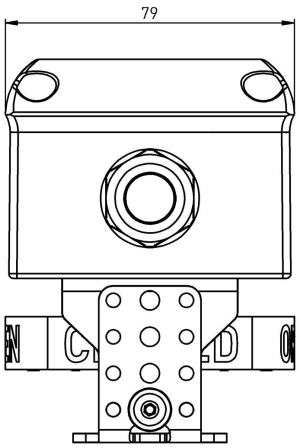
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

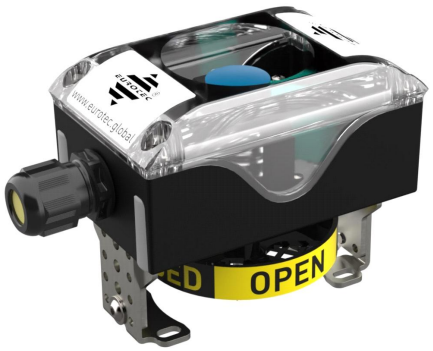
Besonderheiten Extras

- Deckel ohne Sichfenster
- OPEN-CLOSED Anzeige unter der Box
- Stromaufnahme (ohne Last): < 14 mA
- Ausgangsbelastung: = 500 Ohm
- Drehsinn: CW/CCW
- elektrisch wirksame Drehwinkel [°]
- Messbereich: 0 - 360° (pre-set: 0 - 90°)
- Schaltpunkte einstellbar
- Absolute Linearität: 0,1% gem. IEC 60393
- Auflösung: 12 Bit
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B

- Cover without indication window, OPEN-CLOSED indicator below the box
- Current consumption (no load): < 14 mA
- Initial load: = 500 Ohm, Rotation: CW/CCW
- electrically effective rotation [°]
- Measuring range: 0 - 360° (pre-set: 0 - 90°)
- switching points adjustable, resolution: 12 Bit
- absolute linearity: 0,1% acc. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B

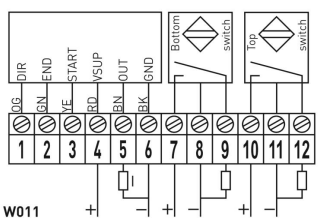
Endschalterbox, wave, PA/PC, 1x Winkelsensor 4-20 mA

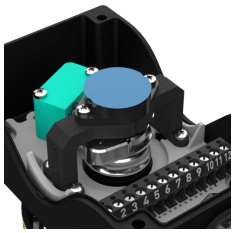
Limit switch box, wave, PA/PC, 1x position transmitter 4-20 mA



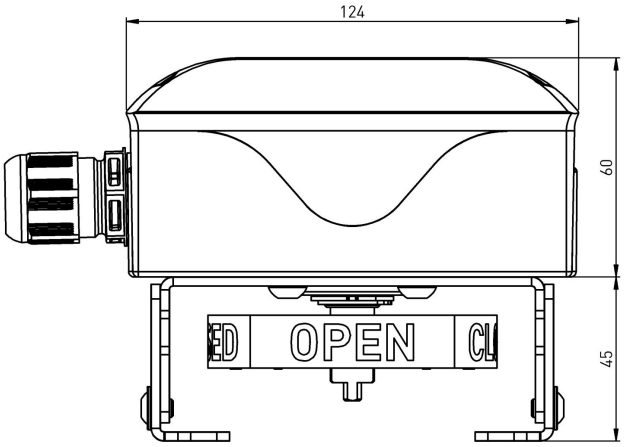
Artikelnummer Part number	**EPE1W01-759-2I**
Endschaltertyp Switch type	2x P+F, NBB2-V3-E2, 10-30V DC, 100mA, PNP NO
Spannung/Strom Voltage/Current	VSUP: 11-30 V DC / 4-20 mA analog output
IP-Schutz IP protection	IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

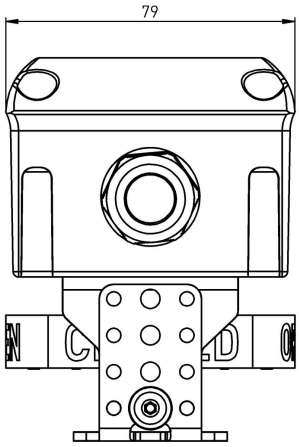
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

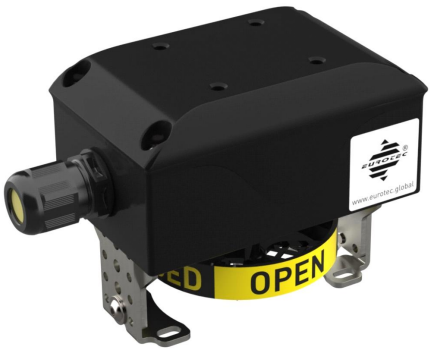
- OPEN-CLOSED Anzeige unter der Box
- Stromaufnahme (ohne Last): < 14 mA
- Ausgangsbelastung: = 500 Ohm, Drehsinn: CW/CCW
- elektrisch wirksame Drehwinkel [°]
- Messbereich: 0 - 360° (pre-set: 0 - 90°)
- Schaltpunkte einstellbar, Auflösung: 12 Bit
- Absolute Linearität: 0,1% gem. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B
- Zusätzliche Endlagenrückmeldung: 0 - 90° (ind.)

- Cover without indication window, OPEN-CLOSED indicator below the box
- Current consumption (no load): < 14 mA
- Initial load: = 500 Ohm, Rotation: CW/CCW
- electrically effective rotation [°]
- Measuring range: 0 - 360° (pre-set: 0 - 90°)
- switching points adjustable, resolution: 12 Bit
- absolute linearity: 0,1% acc. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B
- Additional position feedback: 0 - 90° (ind.)

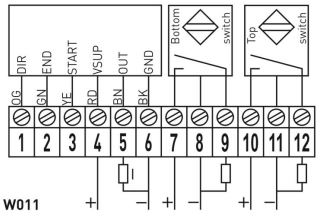
Endschalterbox, wave, Aluminium, 1x Winkelsensor 4-20 mA

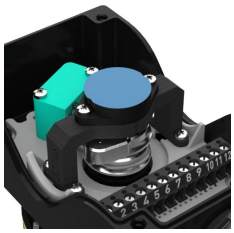
Limit switch box, wave, Aluminium, 1x position transmitter 4-20 mA

Artikelnummer Part number	**EAE1W01-759-2I**
Endschaltertyp Switch type	2x P+F, NBB2-V3-E2, 10-30V DC, 100mA, PNP NO
Spannung/Strom Voltage/Current	VSUP: 11-30 V / 4-20 mA analog output
IP-Schutz IP protection	IP66/IP67/IP68
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

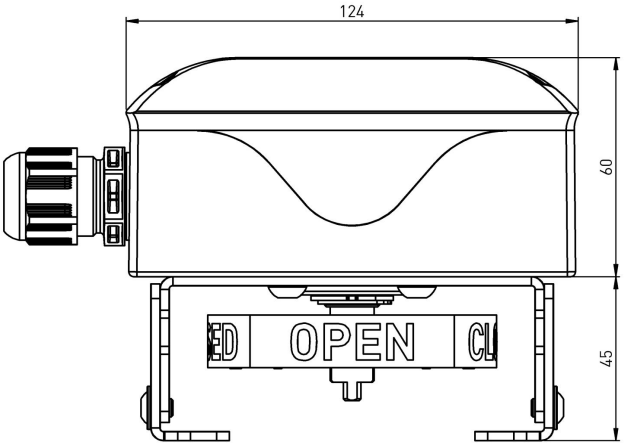


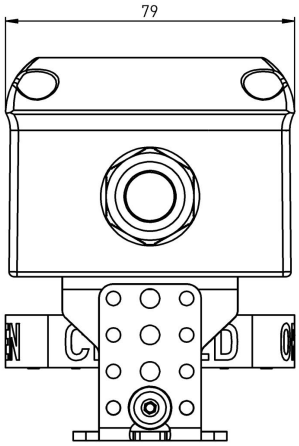
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)

Besonderheiten Extras

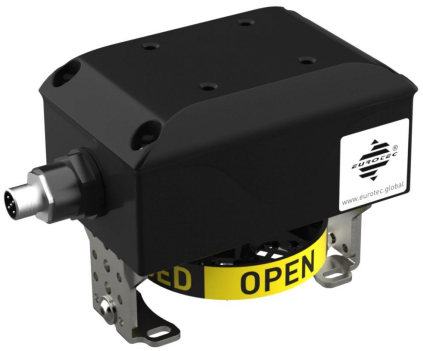
- **Deckel ohne Sichfenster, OPEN-CLOSED Anzeige unter der Box**
- **Stromaufnahme (ohne Last): < 14 mA**
- **Ausgangsbelastung: = 500 Ohm, Drehsinn: CW/CCW**
- **elektrisch wirksame Drehwinkel [°]**
- **Messbereich: 0 - 360° (pre-set: 0 - 90°)**
- **Schaltpunkte einstellbar, Auflösung: 12 Bit**
- **Absolute Linearität: 0,1% gem. IEC 60393**
- **EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B**

- Cover without indication window, OPEN-CLOSED indicator below the box
- Current consumption (no load): < 14 mA
- Initial load: = 500 Ohm, Rotation: CW/CCW
- electrically effective rotation [°]
- Measuring range: 0 - 360° (pre-set: 0 - 90°)
- switching points adjustable, resolution: 12 Bit
- absolute linearity: 0,1% acc. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B

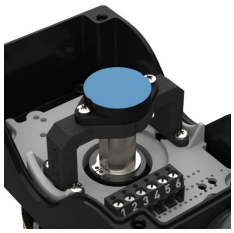
Endschalterbox, wave, Aluminium, 1x Winkelsensor 4-20 mA

Limit switch box, wave, Aluminium, 1x position transmitter 4-20 mA

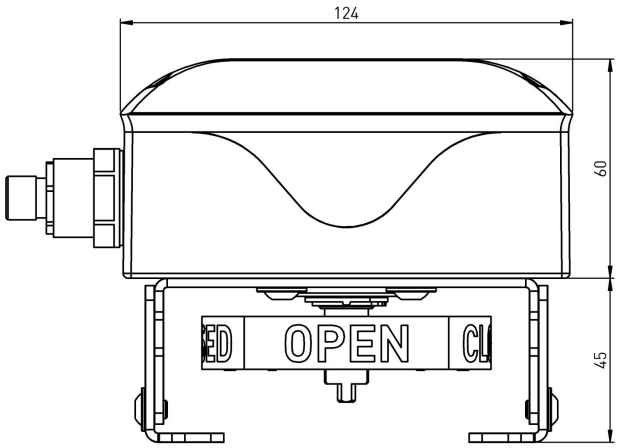
Artikelnummer Part number	**EAE1W01-759-M12**
Endschaltertyp Switch type	WS-4-20MA-360°
Spannung/Strom Voltage/Current	VSUP: 11-30 V / 4-20 mA analog output
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	Aluminium, PC, EPDM, NBR
Anschlüsse Connections	1x M12 (5P)

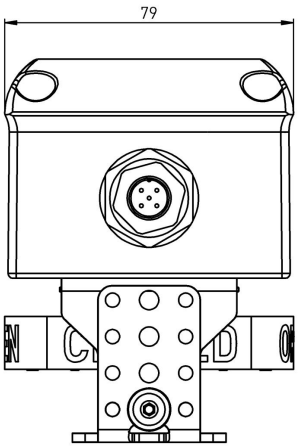


Klemmplan Wiring diagram



MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

-MBH01	**Edelstahl-Montagebrücke, verstellbar, 80x30x20mm (1.4301)** Stainless steel bracket, adjustable, 80x30x20mm (AISI 304)
-M12	**M12-Steckverbindung, 5-polig, statt Kabelverschraubung IP67** M12 plug connection, 5-pole, instead of cable gland IP67

Besonderheiten Extras

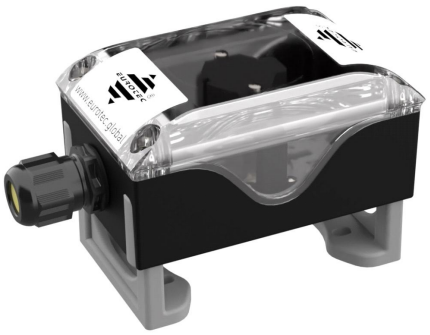
- Deckel ohne Sichfenster, OPEN-CLOSED Anzeige unter der Box
- Stromaufnahme (ohne Last): < 14 mA
- Ausgangsbelastung: = 500 Ohm, Drehsinn: CW/CCW
- elektrisch wirksame Drehwinkel [°]
- Messbereich: 0 - 360° (pre-set: 0 - 90°)
- Schaltpunkte einstellbar, Auflösung: 12 Bit
- Absolute Linearität: 0,1% gem. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B

- Cover without indication window, OPEN-CLOSED indicator below the box
- Current consumption (no load): < 14 mA
- Initial load: = 500 Ohm, Rotation: CW/CCW
- electrically effective rotation [°]
- Measuring range: 0 - 360° (pre-set: 0 - 90°)
- switching points adjustable, resolution: 12 Bit
- absolute linearity: 0,1% acc. IEC 60393
- EN 61000-4-3 /-6 /-8: Class A, EN 61000-4-2: Class B

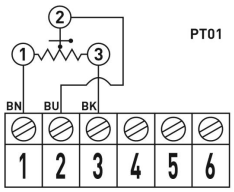
Endschalterbox, wave, PA/PC, 1x Potentiometer

Limit switch box, wave, PA/PC, 1x potentiometer

Artikelnummer Part number	**EPP1PT01-756**
Endschaltertyp Switch type	MHP24-8211
Spannung/Strom Voltage/Current	5kOhm, 10mA
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25…+70°C
Gehäuse Material Housing material	PA6, PC, EPDM, NBR
Anschlüsse Connections	1x M20x1,5

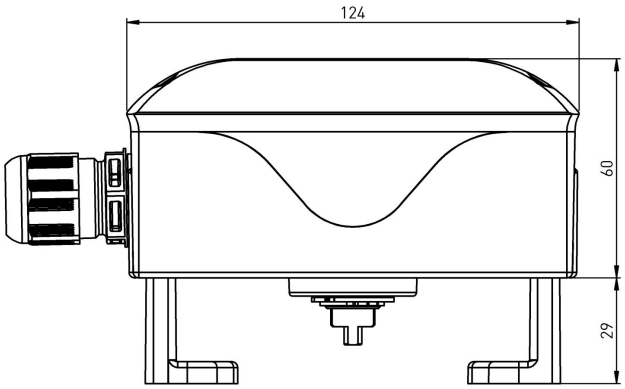


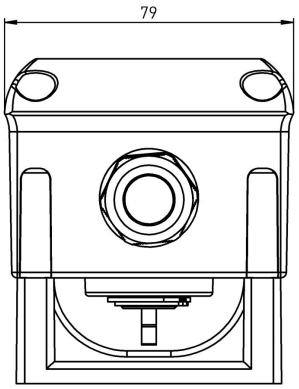
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Elektr. Winkel 120° +/-3° über elektr. Mitte
- Unabhängige Linearität: +/- 2%
- Deckel ohne Sichtfenster
- OPEN-CLOSED Anzeige unter der Box

- Electr. angle 120° +/-3° over electr. middle
- Independent linearity: +/- 2%
- Cover without indication window
- OPEN-CLOSED indicator below the box