i-box

Kompakt, einfach und effizient

Die i-box wurde 2010 entwickelt und wird ausschließlich in Deutschland hergestellt. Sie kann mit ihrem raffinierten Befestigungssystem schnell und einfach direkt auf den Antrieb aufgebaut werden und ist dadurch äußerst platzsparend. Trotz der sehr kompakten Bauform bietet sie Platz für 1-2 mechanische Wechselschalter oder induktive Sensoren in V3-Bauform. Ihre große OPEN-CLOSED Anzeige ist auch aus großer Entfernung noch gut sichtbar. Alternativ kann sie für die Anzeige von T- oder L-Bohrungen ausgestattet werden. In der Standardausführung eignet sie sich für das Antriebsbohrbild 80x30mm mit den Wellenhöhen 20 und 30mm. Für andere Bohrbilder benötigen Sie unsere höhen- und weitenverstellbare Edelstahlbrücke IMBHV. Das i-box Gehäuse wurde durch ein externes Prüflabor auf Dichtheit geprüft und erreicht die Schutzarten IP66 und IP67 gemäß DIN EN 60529.

Compact, easy and efficient

Developed in 2010, the i-box is exclusively produced in Germany. By means of its clever mounting system, it can be mounted quickly and directly on the actuator and is therefore extremely space-saving. Despite its very compact design, there is place for 1-2 mechanical micro switches or inductive sensors in V3 design. Its large OPEN-CLOSED visual indicator is clearly visible from a large distance. Alternatively, it can be equipped with visual indicators for T- or L-bores. The basic version is suitable for actuator hole spacing 80x30 mm with shaft heights of 20 and 30 mm. For other hole spacings, our stainless steel bracket IMBHV, which is adjustable in height and length, will be needed. The i-box housing was tested in an external test laboratory and provides a degree of protection by enclosure IP66 and IP67 according to IEC 60529.







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

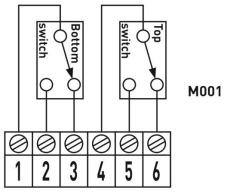
Endschalterbox, i-box, PA/PC, 2x mechanisch, SPDT

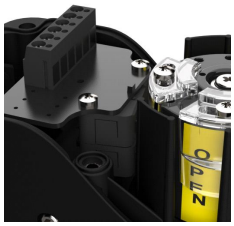
Limit switch box, i-box, PA/PC, 2x mechanical, SPDT

Artikelnummer Part number	**IP2M01**
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	PA6, PC, TPE, NBR
Anschlüsse Connections	1x M20x1,5

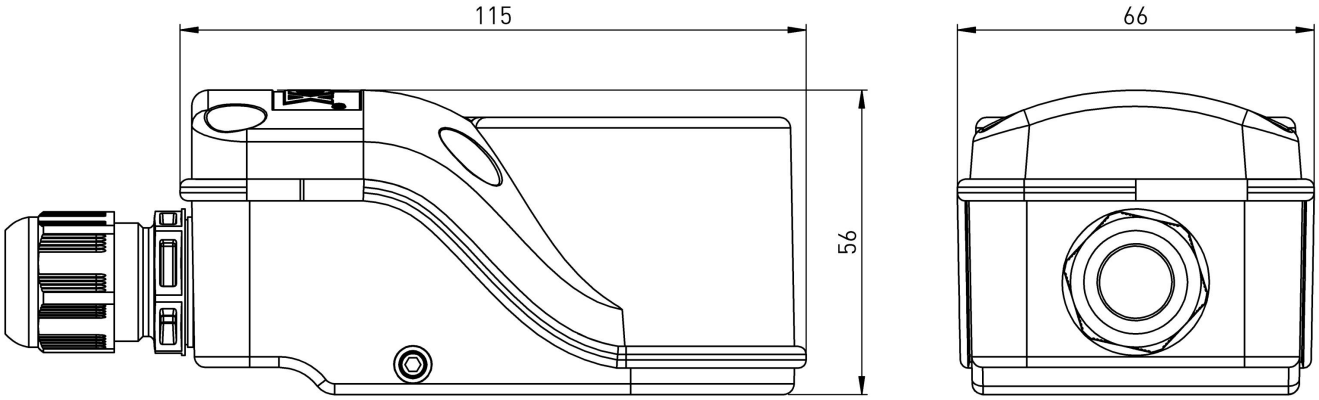


Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm

- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm

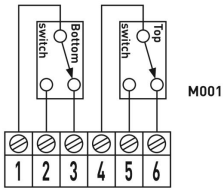
Endschalterbox, i-box, PA/PC, 2x mechanisch, SPDT

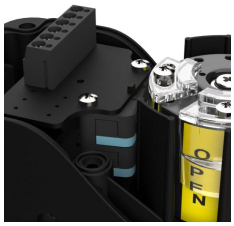
Limit switch box, i-box, PA/PC, 2x mechanical, SPDT

Artikelnummer Part number	**IP2M01-488**
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	PA6, PC, TPE, NBR
Anschlüsse Connections	1x M20x1,5

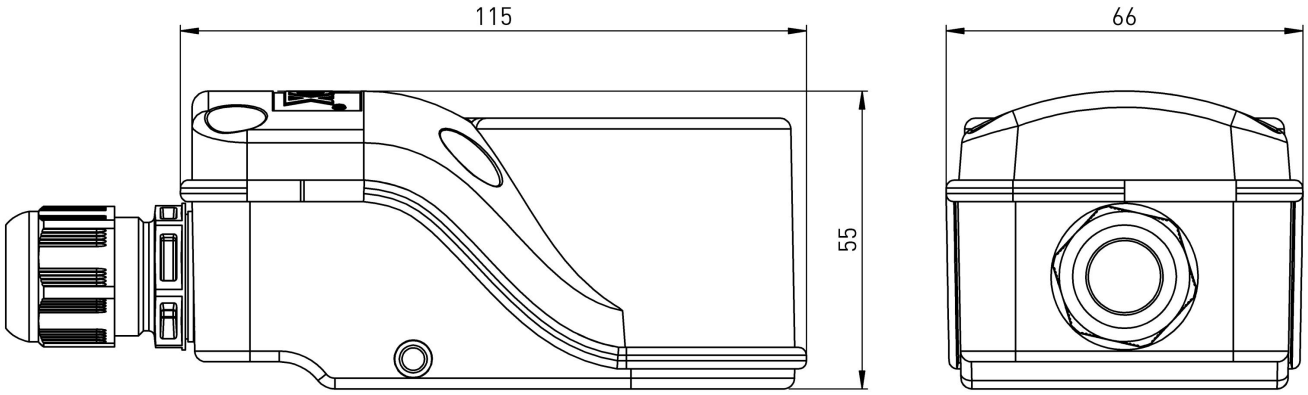


Klemmplan Wiring diagram





Maßzeichnung Dimensions



Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm

- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm

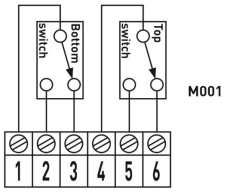
Endschalterbox, i-box, PA/PC, 2x mechanisch, SPDT

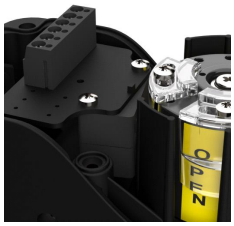
Limit switch box, i-box, PA/PC, 2x mechanical, SPDT

Artikelnummer Part number	**IP2M01-618**
Endschaltertyp Switch type	Honeywell, V15H10, gold
Spannung/Strom Voltage/Current	0,1A (250V AC), 0,1A (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	PA6, PC, TPE, NBR
Anschlüsse Connections	1x M20x1,5

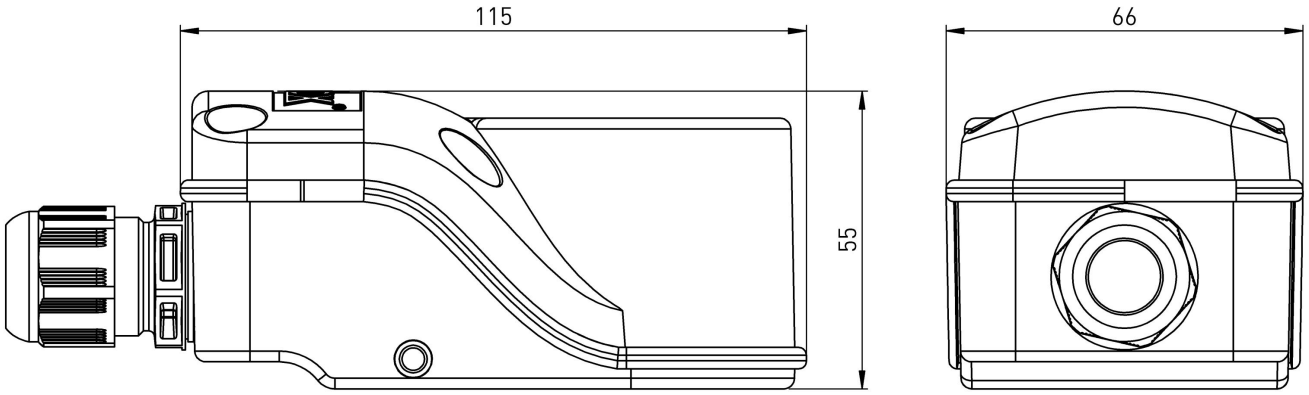


Klemmplan Wiring diagram





Maßzeichnung Dimensions



Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm

- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm

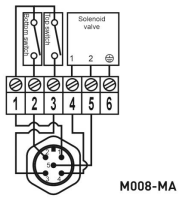
Endschalterbox, i-box, PA/PC, 2x mechanisch, SPST NO

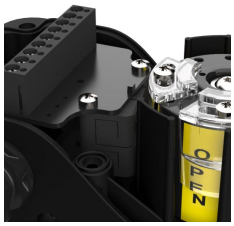
Limit switch box, i-box, PA/PC, 2x mechanical, SPST NO

Artikelnummer Part number	**IP2M01-M12-MA**
Endschaltertyp Switch type	ZF, D44X
Spannung/Strom Voltage/Current	4A(60V 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, TPE, NBR
Anschlüsse Connections	1x M12x1 (5P)

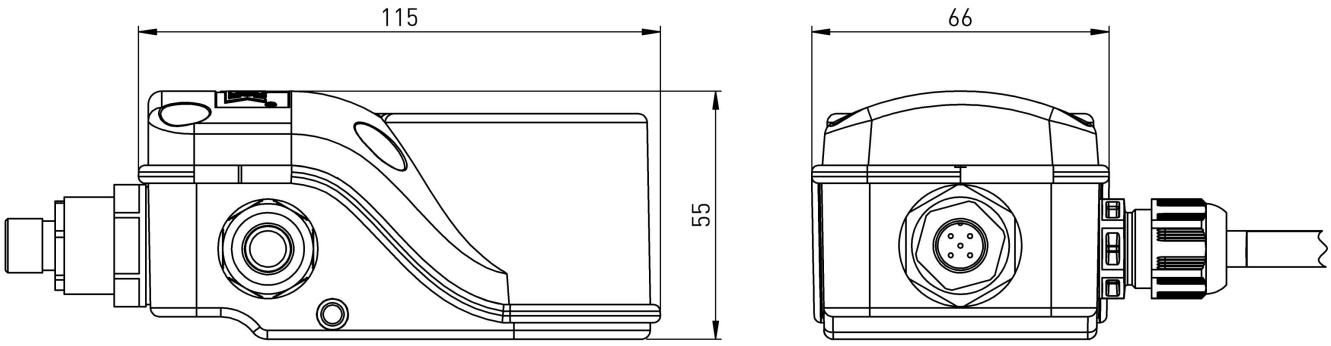


Klemmplan Wiring diagram





Maßzeichnung Dimensions



Enthaltenes Zubehör Included Accessories

-M12	**M12-Steckverbindung, 5-polig, statt Kabelverschraubung** **IP67, max. 60V AC/DC, max. 4A** M12 plug connection, 5-pole, instead of cable gland IP67, max. 60V AC/DC, max. 4A
-MA	**Magnetventilanschluss für 1 Spule mit 1x 500mm Kabel** Solenoid valve connection for 1 coil with 1x500mm cable

Besonderheiten Extras

- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm

- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm

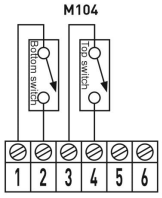
Endschalterbox, i-box, PA/PC, 2x mechanisch, SPST NO

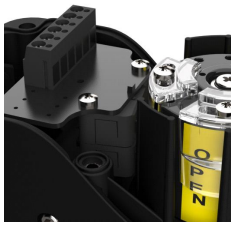
Limit switch box, i-box, PA/PC, 2x mechanical, SPST NO

Artikelnummer Part number	**IP2M01-UL-NO**
Endschaltertyp Switch type	ZF, D44X-UL
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	PA6, PC, TPE, NBR
Anschlüsse Connections	1x M20x1,5

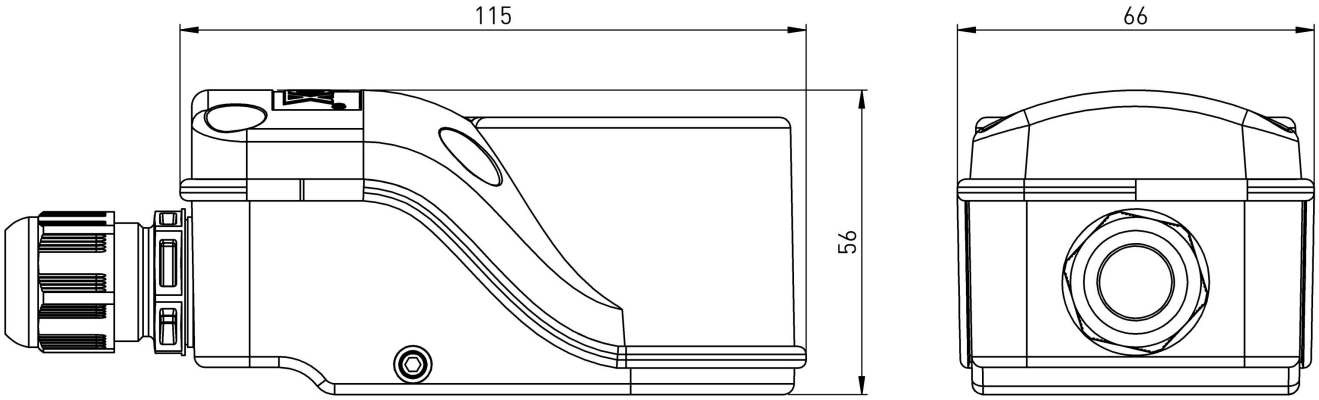


Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Schalter und Litzen mit UL-Zulassung
- Schalter: 2-Leiter, Schließer
- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm

- Switches and wires with UL approval
- Switches: 2-wire, NO
- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm

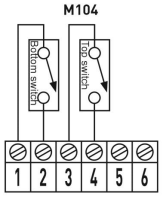
Endschalterbox, i-box, PA/PC, 2x mechanisch, SPST NO

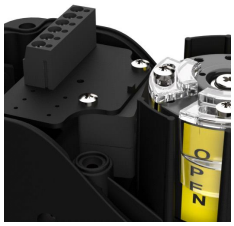
Limit switch box, i-box, PA/PC, 2x mechanical, SPST NO

Artikelnummer Part number	**IP2M01-618-UL-NO**
Endschaltertyp Switch type	Honeywell, V15H10, gold, UL
Spannung/Strom Voltage/Current	0,1A (250V AC), 0,1A (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	PA6, PC, TPE, NBR
Anschlüsse Connections	1x M20x1,5

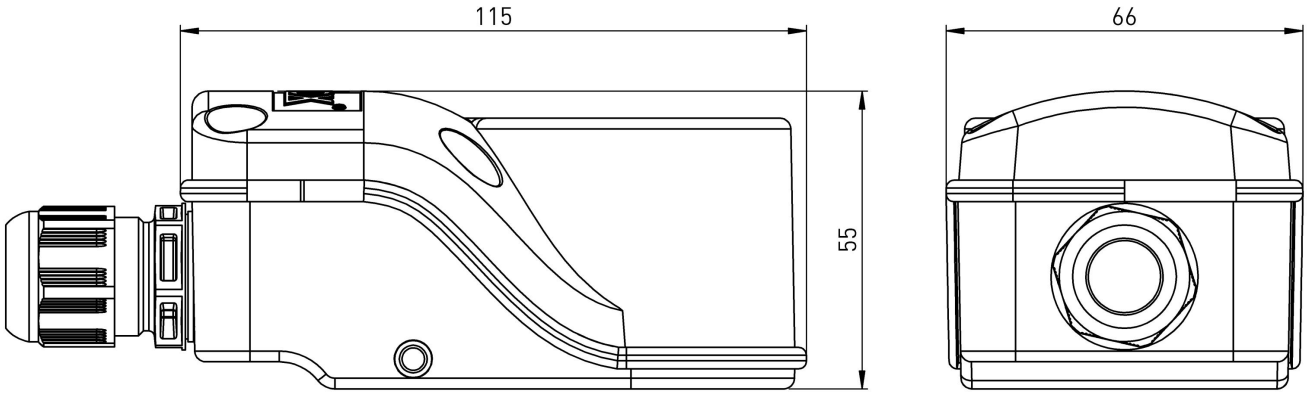


Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Schalter und Litzen mit UL-Zulassung
- Schalter: 2-Leiter, Schließer
- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm

- Switches and wires with UL approval
- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm

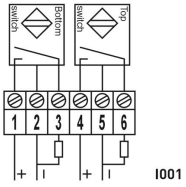
Endschalterbox, i-box, PA/PC, 2x induktiv V3, 3-Draht

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

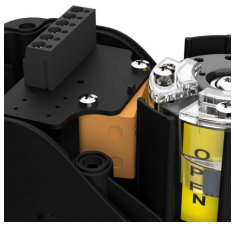
Artikelnummer Part number	**IP2I01-7**
Endschaltertyp Switch type	IFM, IS5001
Spannung/Strom Voltage/Current	10-30V DC, 200mA, PNP NO
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, TPE, NBR
Anschlüsse Connections	1x M20x1,5



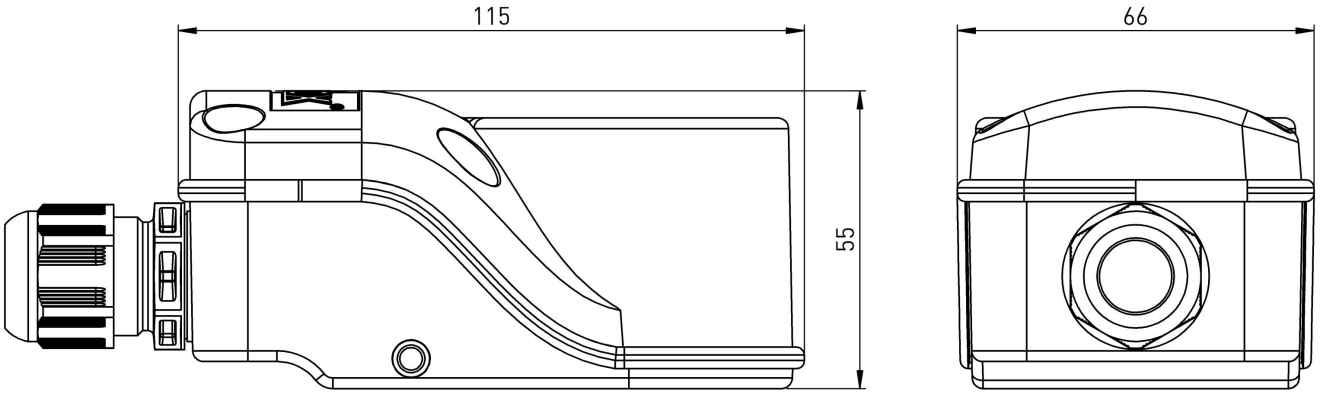
Klemmplan Wiring diagram



I001



MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm

- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm

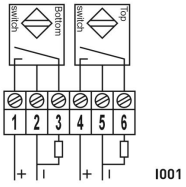
Endschalterbox, i-box, PA/PC, 2x induktiv V3, 3-Draht

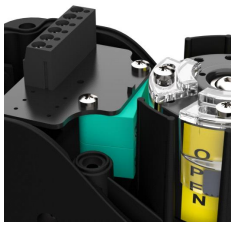
Limit switch box, i-box, PA/PC, 2x proximity V3, 3-wire

Artikelnummer Part number	**IP2I01**
Endschaltertyp Switch type	P+F, NBB2-V3-E2
Spannung/Strom Voltage/Current	10-30V DC, 0-100 mA, 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	PA6, PC, TPE, NBR
Anschlüsse Connections	1x M20x1,5

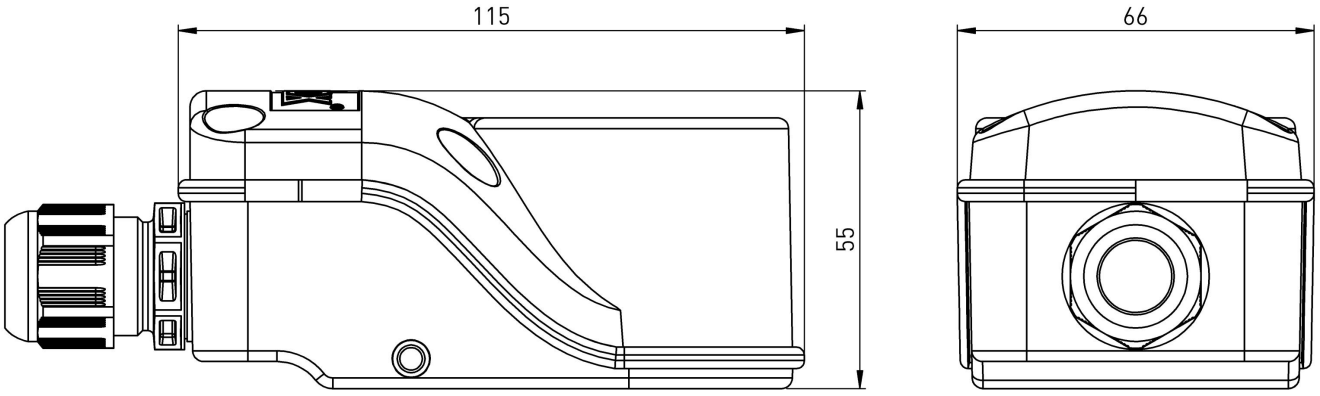


Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm

- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm

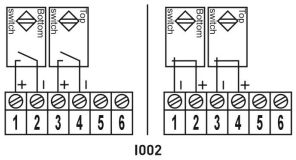
Endschalterbox, i-box, PA/PC, 2x induktiv V3, 2-Draht

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

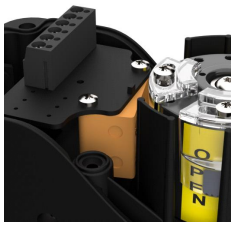
Artikelnummer Part number	**IP2I01-19**
Endschaltertyp Switch type	IFM, IS5026
Spannung/Strom Voltage/Current	5-36V DC, 0-200mA, PNP/NPN NO/NC
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	PA6, PC, TPE, NBR
Anschlüsse Connections	1x M20x1,5



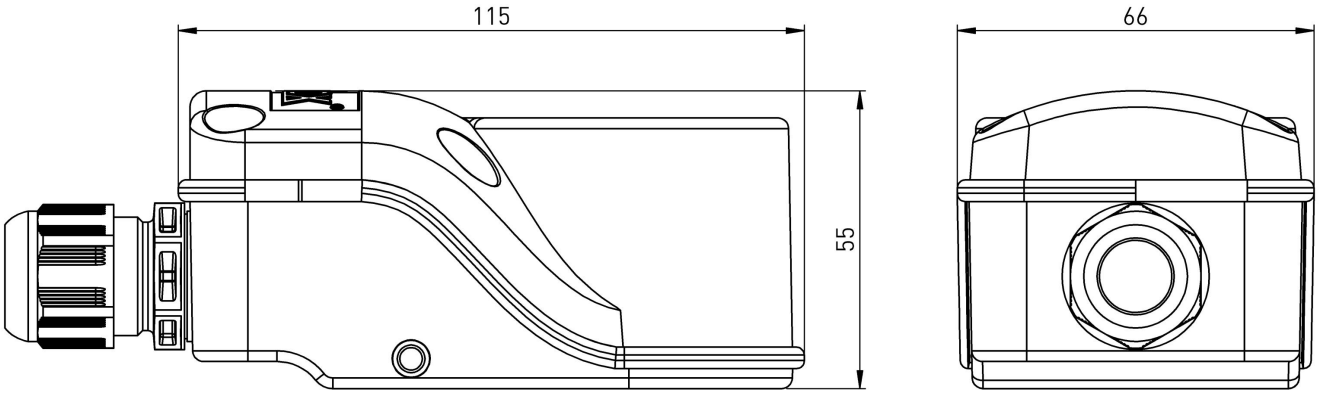
Klemmplan Wiring diagram



I002



MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm

- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm

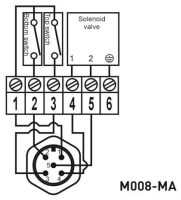
Endschalterbox, i-box, PA/PC, 2x mechanisch, SPST NO

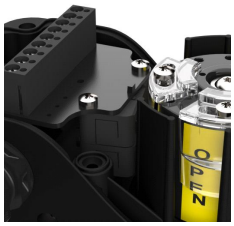
Limit switch box, i-box, PA/PC, 2x mechanical, SPST NO

Artikelnummer Part number	**IP2M01-M12-MA**
Endschaltertyp Switch type	ZF, D44X
Spannung/Strom Voltage/Current	4A(60V 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, TPE, NBR
Anschlüsse Connections	1x M12x1 (5P)

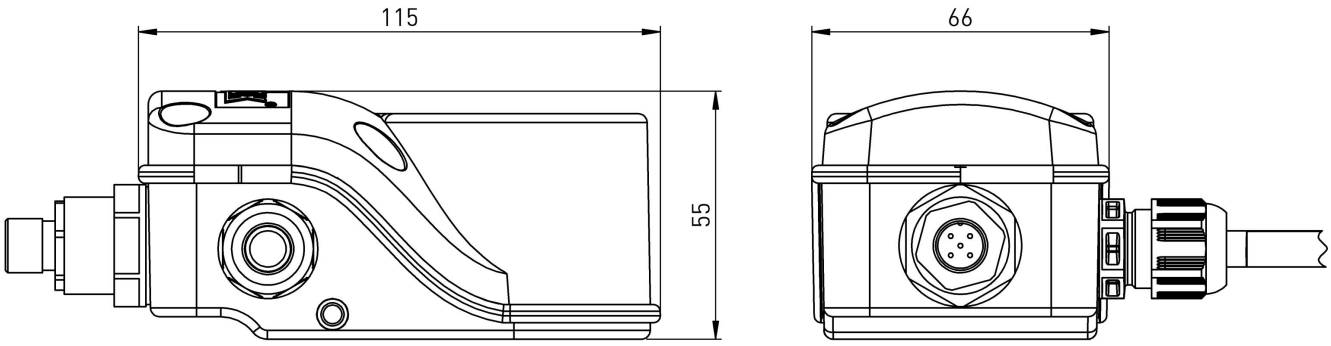


Klemmplan Wiring diagram





Maßzeichnung Dimensions



Enthaltenes Zubehör Included Accessories

-M12	**M12-Steckverbindung, 5-polig, statt Kabelverschraubung** **IP67, max. 60V AC/DC, max. 4A** M12 plug connection, 5-pole, instead of cable gland IP67, max. 60V AC/DC, max. 4A
-MA	**Magnetventilanschluss für 1 Spule mit 1x 500mm Kabel** Solenoid valve connection for 1 coil with 1x500mm cable

Besonderheiten Extras

- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm

- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm

Endschalterbox, i-box, PA/PC, 2x induktiv V3, 3-Draht PNP NO

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

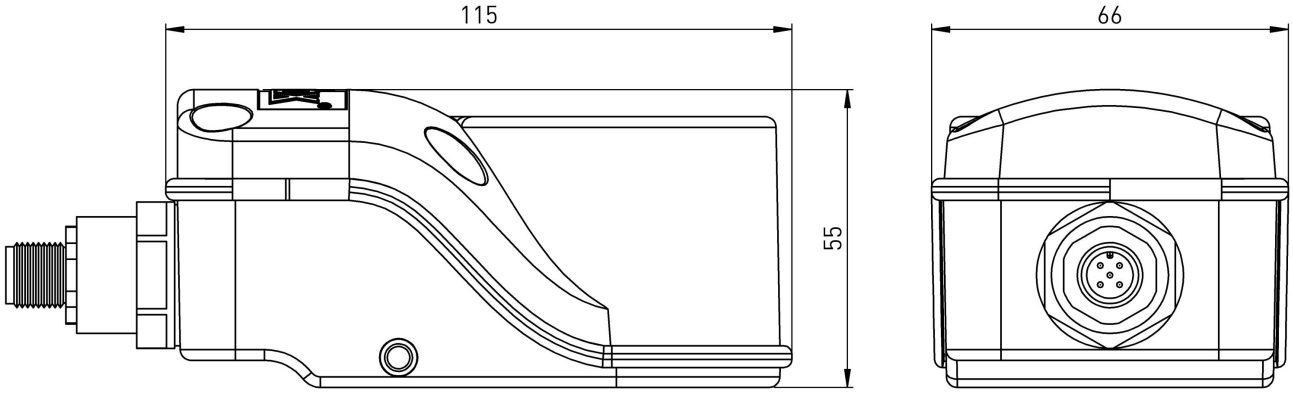
Artikelnummer Part number	**IP2I01-7-ASI-M124P**
Endschaltertyp Switch type	IFM, IS5001
Spannung/Strom Voltage/Current	30V (18...31,6 V), 80mA, 1AB Module Spec. 2.1
IP-Schutz IP protection	IP67
SIL Level SIL level	--
Umgebungstemperatur Ambient temperature	-25...+70°C
Gehäuse Material Housing material	PA6, PC, TPE, NBR
Anschlüsse Connections	AS-i



Klemmplan Wiring diagram



MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

- Bohrbild 80 x 30mm / Wellenhöhen: 20mm + 30mm
- Max. Wellendurchmesser: 32mm
- M12-Steckverbindung, 4-polig, statt Kabelverschraubung
- Betriebsanleitung beigelegt

- Hole pattern 80 x 30mm / Shaft heights: 20mm + 30mm
- Max. shaft diameter: 32mm
- M12 plug connection, 4-pole, instead of cable gland
- Operation manual included in delivery