NEPTUN BOX

Die Edelstahlbox für extreme Umgebungsbedingungen

Die neptun Endschalterbox wurde 2015 entwickelt und wird ausschließlich in Deutschland produziert. Alle außenliegenden Edelstahlteile sind aus den hochwertigen Materialien 1.4571 und 1.4401. Die erhöhte Beständigkeit gegen Korrosion und Lochfraß prädestiniert diese Endschalterbox für den Einsatz im chemischen Apparatebau aber auch für Anwendungen im Offshore-Bereich. Mit ihrer klassischen Bauform ist die neptun Box 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 70mm) eingebaut werden. Alle unsere Brücken sind höhen- und weitenverstellbar und sind standardmäßig im Lieferumfang enthalten.

The stainless steel switch box for extreme environments

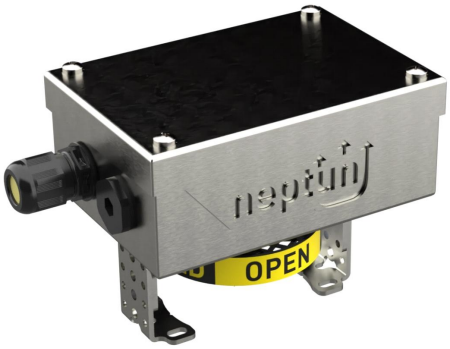
The neptun limit switch box was developed in 2015 and is exclusively produced in Germany. All external parts are made of high class materials AISI 316 Ti or AISI 316. This switch box is predestined not only for use in chemical apparatus construction but also in offshore applications, thanks to its high resistance against corrosion and pitting. By means of its classic design, it is very flexible -up to 4 mechanical micro switches or sensors in V3 design could be installed inside. Alternatively 1-3 slot type sensors and 1-2 cylindrical sensors (with max. diameter 18mm / max. length 70mm) can be used. All our brackets are adjustable in height and length and are always included in the delivery.



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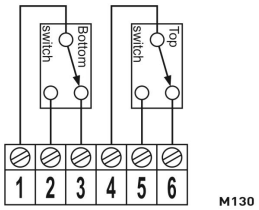
Endschalterbox, neptun, Edelstahl, 2x mechanisch, SPDT

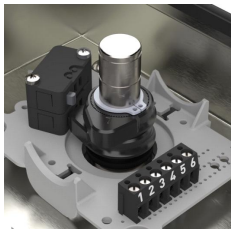
Limit switch box, neptun, AISI 316L, 2x mechanical, SPDT



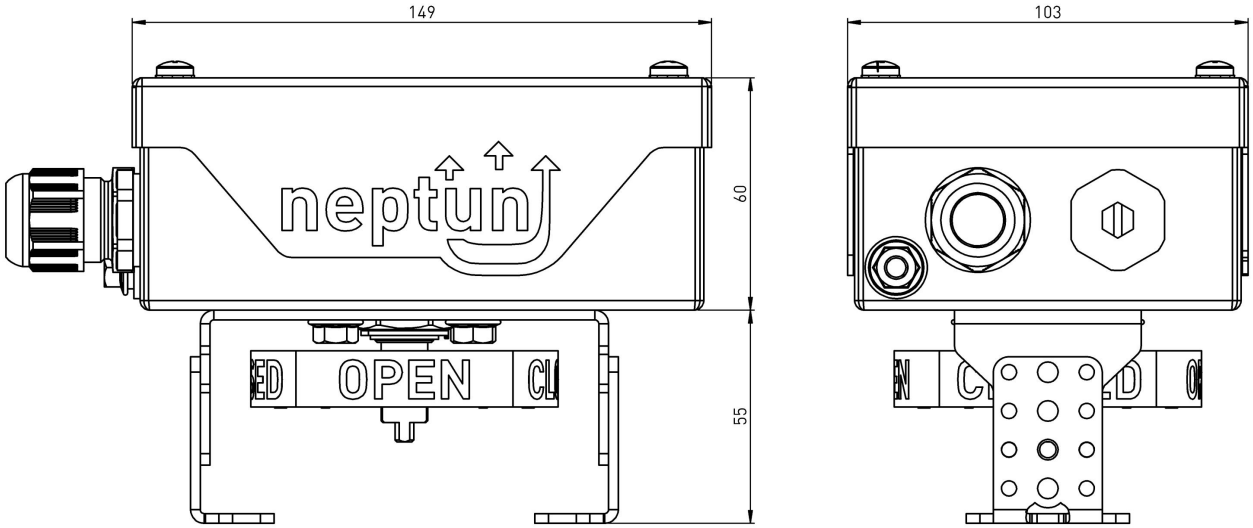
Artikelnummer Part number	**NEK2M02**
Endschaltertyp Switch type	ZF, D44X
Spannung/Strom Voltage/Current	10A(250V AC), 2,5A(24V DC)
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	1.4571, MVQ, NBR
Anschlüsse Connections	1x M20x1,5

Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

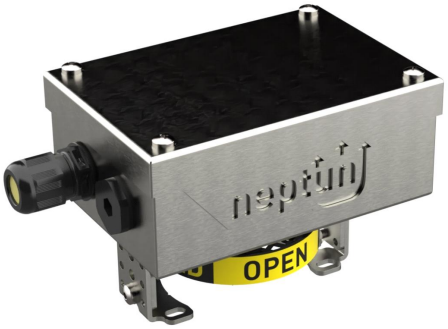
-MBH02-A4 **Edelstahl-Montagebrücke 80x30x30mm (1.4571)**
Stainless steel bracket 80x30x30mm (AISI 316)

Besonderheiten Extras

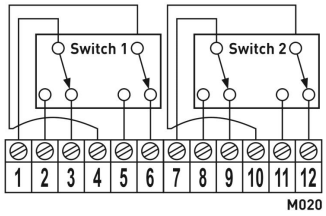
Endschalterbox, neptun, Edelstahl, 2x mechanisch, DPDT

Limit switch box, neptun, AISI 316L, 2x mechanical, DPDT

Artikelnummer Part number	**NEK2M01-609**
Endschaltertyp Switch type	ZF, D44X-DPDT
Spannung/Strom Voltage/Current	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	1.4571, MVQ, NBR
Anschlüsse Connections	1x M20x1,5

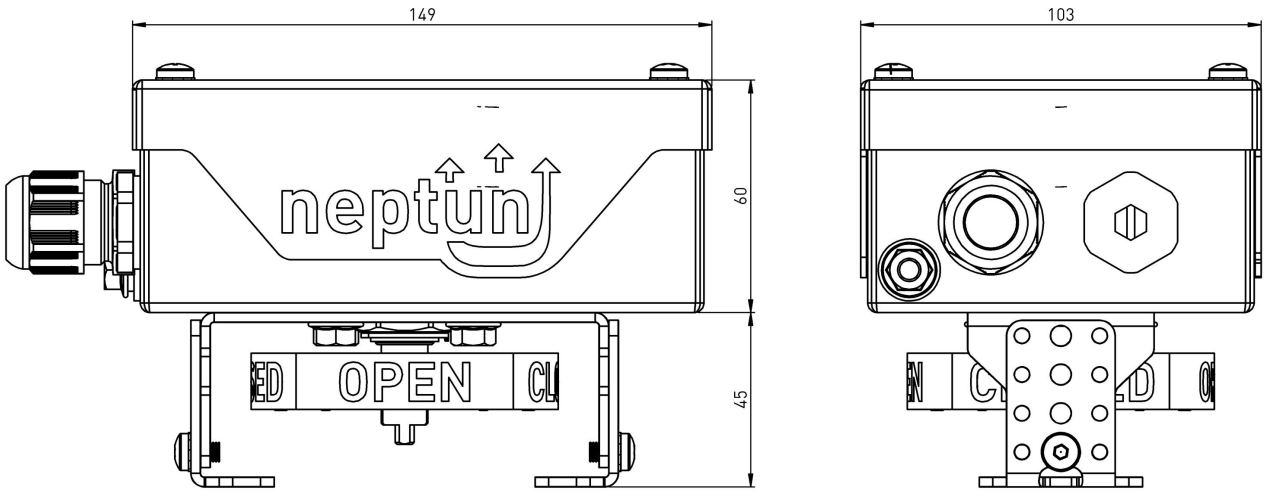


Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

-MBH01-A4 **Edelstahl-Montagebrücke 80x30x20mm (1.4571)**
Stainless steel bracket 80x30x20mm (AISI 316)

Besonderheiten Extras

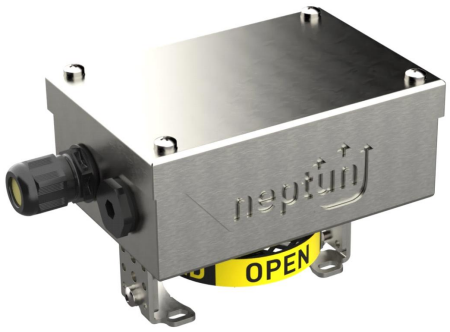
- Schalter: je 2x SPDT zu 1x DPDT umfunktioniert

- 2x D44X modified for 1x DPDT

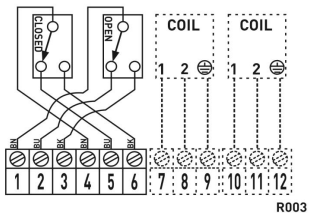
Endschalterbox, neptun, Edelstahl, 2x reed, SPDT-CO (Form C)

Limit switch box, neptun, AISI 316L, 2x reed, SPDT-CO (Form C)

Artikelnummer Part number	**NEK2R01-614**
Endschaltertyp Switch type	ZF, MP200703
Spannung/Strom Voltage/Current	30V AC/DC, SPDT-CO (Form C)
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	-25...+85°C
Gehäuse Material Housing material	1.4571, MVQ, NBR
Anschlüsse Connections	1x M20x1,5

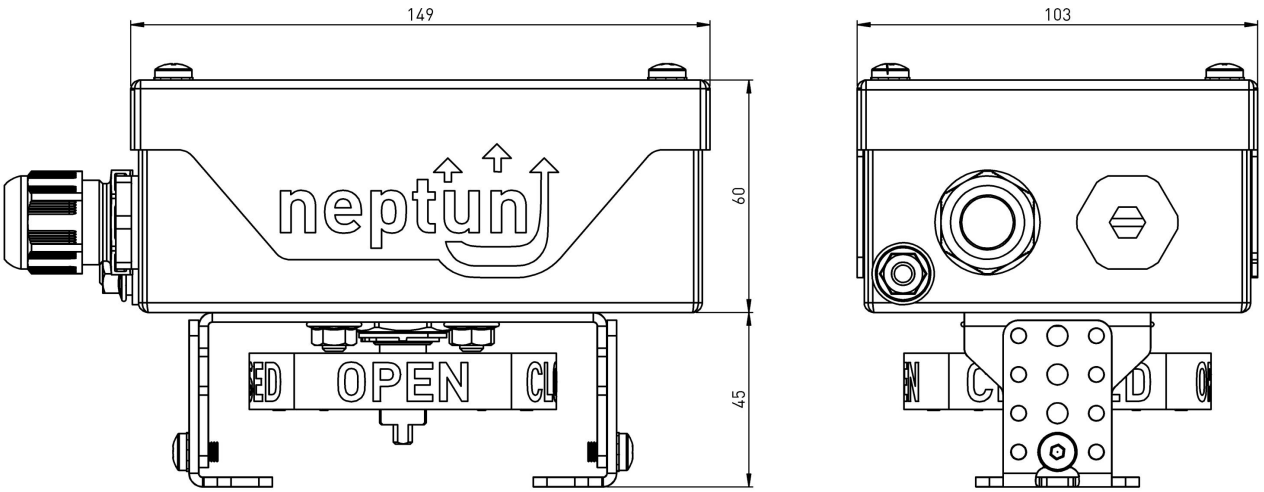


Klemmplan Wiring diagram





Maßzeichnung Dimensions



Enthaltenes Zubehör Included Accessories

-MBH01-A4	**Edelstahl-Montagebrücke 80x30x20mm (1.4571)** Stainless steel bracket 80x30x20mm (AISI 316)

Besonderheiten Extras

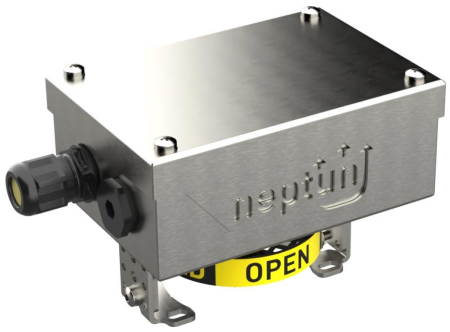
- Schalter-Kontakte hermetisch abgedichtet
- Sonderbetätiger mit Magnet

- Switch contacts hermetically sealed
- Magnetic activator

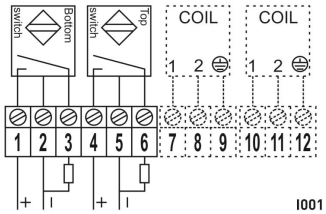
Endschalterbox, neptun, Edelstahl, 2x induktiv V3, 3-Draht

Limit switch box, neptun, AISI 316L, 2x proximity V3, 3-wire

Artikelnummer Part number	**NEK2I01-7**
Endschaltertyp Switch type	IFM, IS5001
Spannung/Strom Voltage/Current	10-30V DC, 0-200mA, 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	1.4571, MVQ, NBR
Anschlüsse Connections	1x M20x1,5

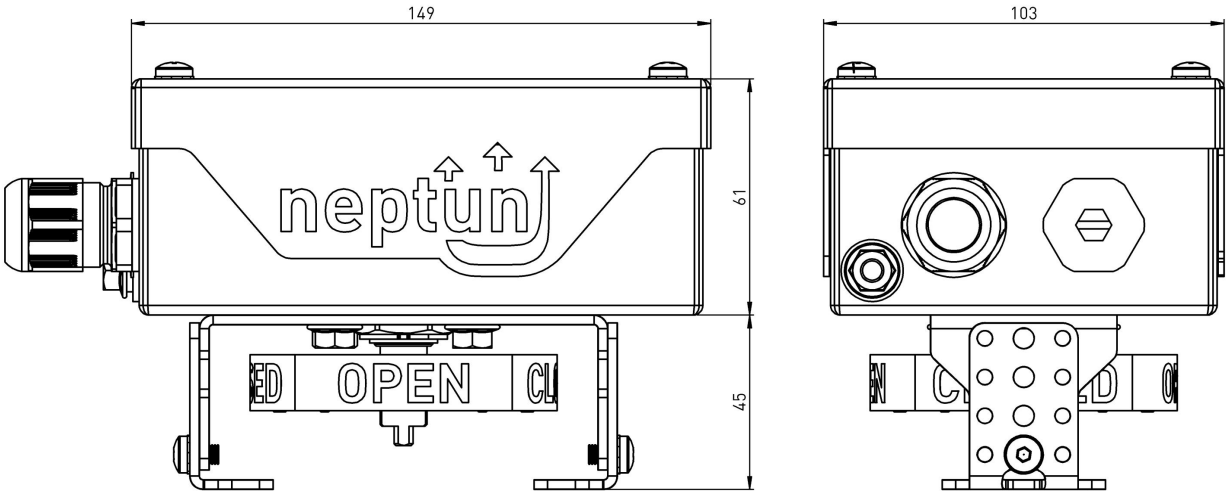


Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

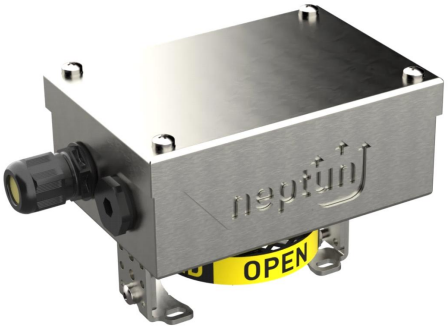
-MBH01-A4 **Edelstahl-Montagebrücke 80x30x20mm (1.4571)**
Stainless steel bracket 80x30x20mm (AISI 316)

Besonderheiten Extras

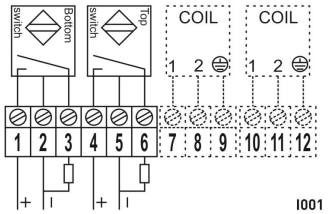
Endschalterbox, neptun, Edelstahl, 2x induktiv V3, 3-Draht

Limit switch box, neptun, AISI 316L, 2x proximity V3, 3-wire

Artikelnummer Part number	**NEK2I01**
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	1.4571, MVQ, NBR
Anschlüsse Connections	1x M20x1,5

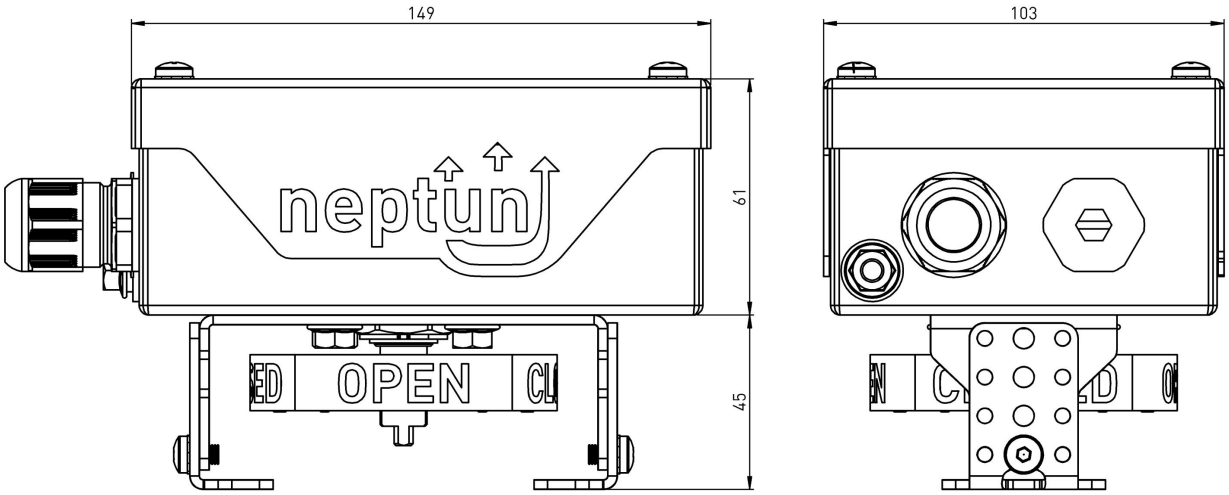


Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

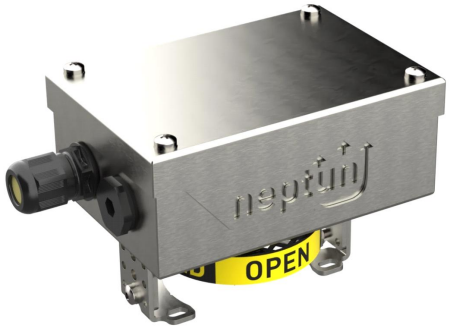
-MBH01-A4 **Edelstahl-Montagebrücke 80x30x20mm (1.4571)**
Stainless steel bracket 80x30x20mm (AISI 316)

Besonderheiten Extras

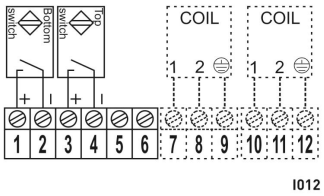
Endschalterbox, neptun, Edelstahl, 2x induktiv V3, 2-Draht

Limit switch box, neptun, AISI 316L, 2x proximity V3, 2-wire

Artikelnummer Part number	**NEK2I01-9**
Endschaltertyp Switch type	P+F, NBB3-V3-Z4
Spannung/Strom Voltage/Current	5-60V DC, 4-100mA, NO
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	SIL 1-3
Umgebungstemperatur Ambient temperature	-25...+80°C
Gehäuse Material Housing material	1.4571, MVQ, NBR
Anschlüsse Connections	1x M20x1,5

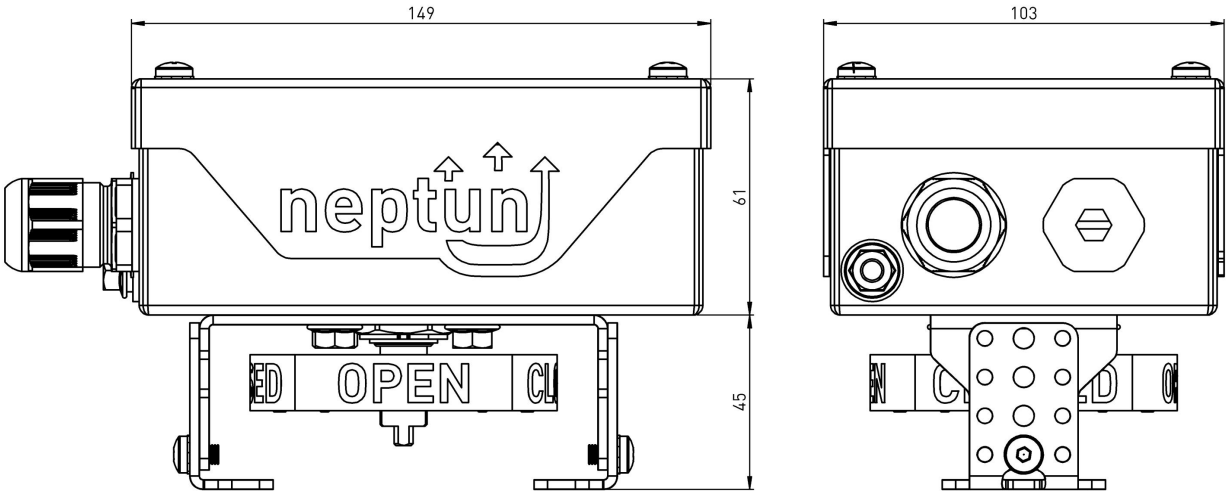


Klemmplan Wiring diagram





MaßzeichnungDimensions



Enthaltenes Zubehör Included Accessories

-MBH01-A4	**Edelstahl-Montagebrücke 80x30x20mm (1.4571)** Stainless steel bracket 80x30x20mm (AISI 316)

Besonderheiten Extras

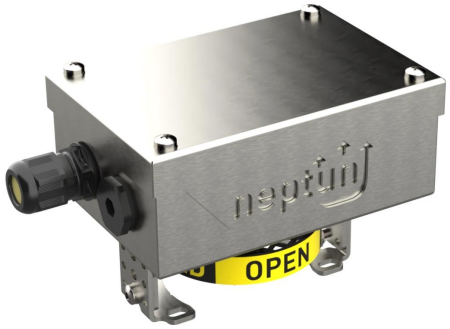
- Schalter nicht bündig aufgebaut. 10mm Distanzplatte
- Sonder-Welle mit Abstand zwischen den Betätigern

- Switches mounted with distance plate 10mm
- Shaft with 2 cams and inbetween gear ring

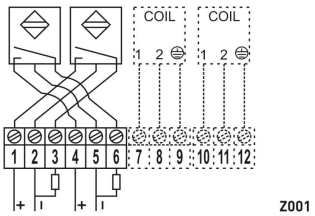
Endschalterbox, neptun, Edelstahl, 2x induktiv M12, 3-Draht

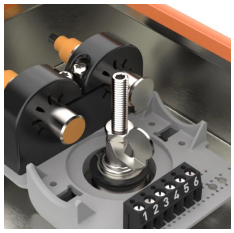
Limit switch box, neptun, AISI 316L, 2x proximity M12, 3-wire

Artikelnummer Part number	**NEK2I01-508**
Endschaltertyp Switch type	IFM, IFS256
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...+80°C
Gehäuse Material Housing material	1.4571, MVQ, NBR
Anschlüsse Connections	1x M20x1,5

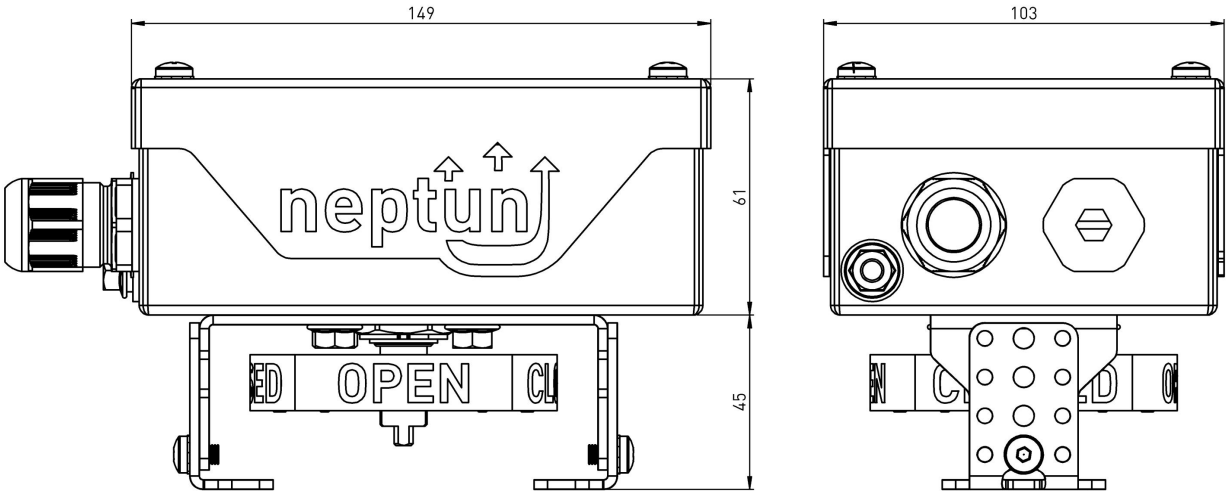


Klemmplan Wiring diagram





Maßzeichnung Dimensions



Enthaltenes Zubehör Included Accessories

-MBH01-A4 **Edelstahl-Montagebrücke 80x30x20mm (1.4571)**
Stainless steel bracket 80x30x20mm (AISI 316)

Besonderheiten Extras