Modernes Design trifft maximale Flexibilität

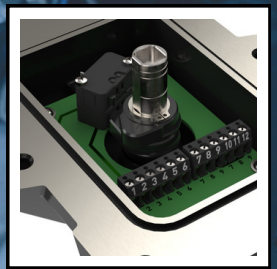
Das neue, rechteckige Gehäuse mit seinem modernen Design bietet alle Einbau-möglichkeiten, die aus unserer wave Serie bekannt sind.
Standardmäßig verfügt die nxt-d über 2x M20x1,5 Anschlüsse, ist aber auch mit 4x M20x1,5 oder mit NPT1/2" Gewinde erhältlich.
Sie kommt mit einer gelb-schwarzen, großen und 360° sichtbaren Tower-Anzeige oben auf dem Gehäuse. Wird diese abmontiert, bietet sie eine Schnittstelle mit Bohrbild 80x30 mm und Wellenhöhe 20mm nach vdi/vde 3845 für den Aufbau von weiteren Komponenten.
Es sind ausreichend Klemmen vorhanden um ein Magnetventil über die Box anzuschließen.
Das druckfest gekapselte, extrem robuste Gehäuse besteht aus kupferfreiem Aluminium-Druckguss (Kupfergehalt max. 0,05 %). Die Verringerung des Kupfer-gehaltes erhöht die natürliche Korrosions-beständigkeit des Aluminiums.

Modern design meets maximum flexibility

The new rectangular housing combines a sleek, contemporary design with all the installation options you know from our wave series.
By default, the nxt-d is equipped with two M20x1.5 cable entries, but it's also available with four M20x1.5 entries or NPT 1/2" threads for added versatility.
On top, you'll find a large yellow-and-black tower indicator, visible from every angle (360°). If removed, the housing reveals a universal interface with an 80x30 mm hole pattern and 20 mm shaft height, compliant with VDI/VDE 3845, ready for mounting additional components.
Inside, there's ample terminal space to easily connect a solenoid valve through the box.
Built for extreme durability, the flameproof enclosure is made from copper-free aluminum die-cast (maximum copper content 0.05%). This reduced copper content significantly enhances the aluminum's natural corrosion resistance, ensuring long-lasting performance even in harsh environments.



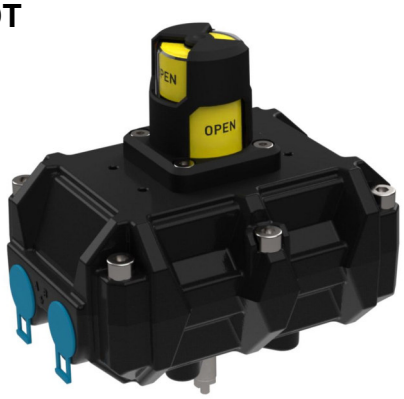




EUROTEC Antriebszubehör GmbH | Tel: +49 7543-93463-0 | sales@eurotec.global | www.eurotec.global

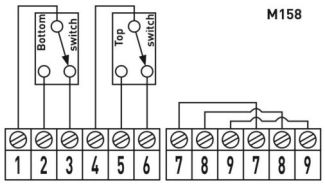
Endschalterbox, nxt-d, Ex d, Aluminium, 2x mechanisch, SPDT

Limit switch box, nxt-d, Aluminum, Ex d, 2x mechanical, SPDT



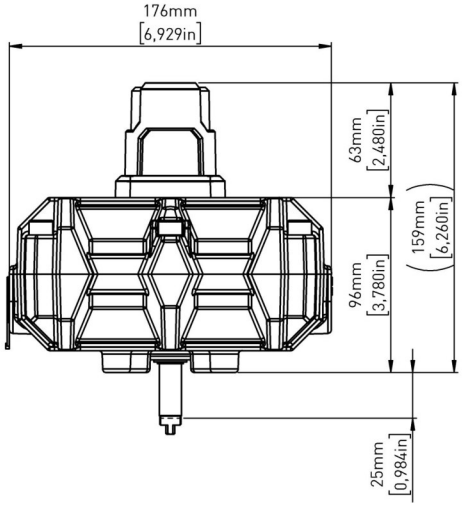
Artikelnummer Part number	**DXA2M10-D**
Endschaltertyp Switch type	ZF, D44X
Spannung/Strom Voltage/Current	Ue: 250V Ie: 10A AC, 2,5A DC
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	T6: -40...+75°C/ T5: +80°C
Gehäuse Material Housing material	Aluminium (copper-free), MVQ, PTFE
Anschlüsse Connections	A/B: M20x1,5
Ex Bescheinigung Ex document	EPS 25 ATEX 1 305 X IECEx EPS 25.0068 X
Kennzeichnung Marking	II 2G Ex db IIC T5...T6 Gb II 2D Ex tb IIIC T85°C...T100°C Db
Ex Zone Ex zone	Zone 1, 21

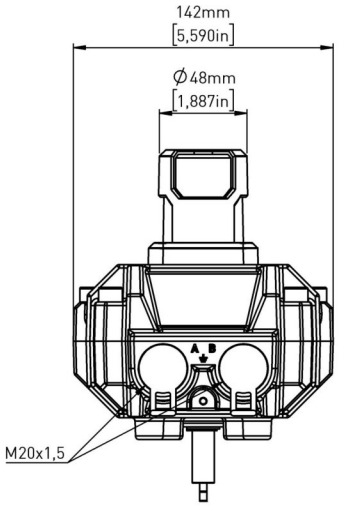
Klemmplan Wiring diagram





MaßzeichnungDimensions





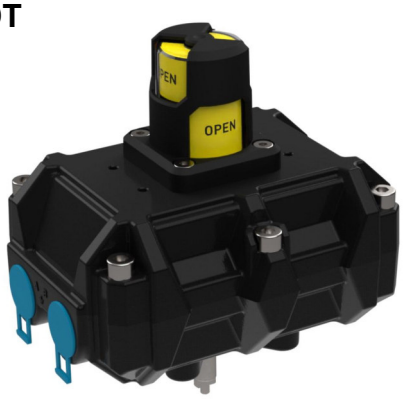
Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

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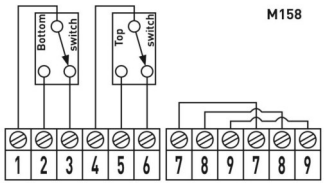
Endschalterbox, nxt-d, Ex d, Aluminium, 2x mechanisch, SPDT

Limit switch box, nxt-d, Aluminum, Ex d, 2x mechanical, SPDT



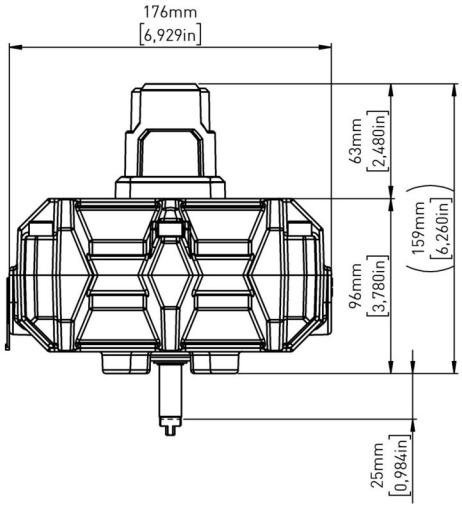
Artikelnummer Part number	**DXA2M10-D-NPT12**
Endschaltertyp Switch type	ZF, D44X
Spannung/Strom Voltage/Current	Ue: 250V Ie: 10A AC, 2,5A DC
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	T6: -40...+75°C/ T5: +80°C
Gehäuse Material Housing material	Aluminium (copper-free), MVQ, PTFE
Anschlüsse Connections	A/B: NPT1/2
Ex Bescheinigung Ex document	EPS 25 ATEX 1 305 X IECEx EPS 25.0068 X
Kennzeichnung Marking	II 2G Ex db IIC T5...T6 Gb II 2D Ex tb IIIC T85°C...T100°C Db
Ex Zone Ex zone	Zone 1, 21

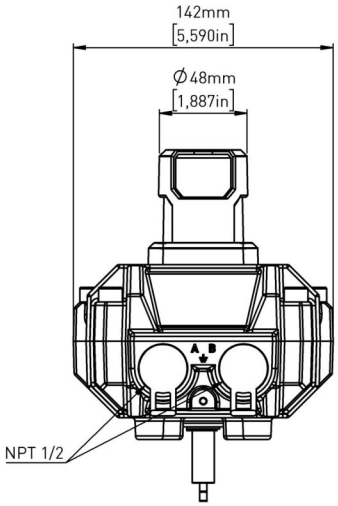
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

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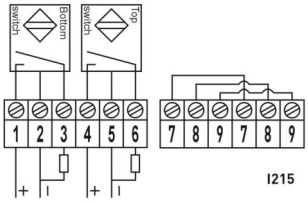
Endschalterbox, nxt-d, Ex d, Aluminium, 2x induktiv, V3, 3-Draht

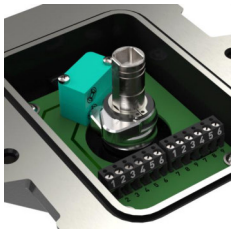
Limit switch box, nxt-d, Aluminum, Ex d, 2x inductive, 3-wire



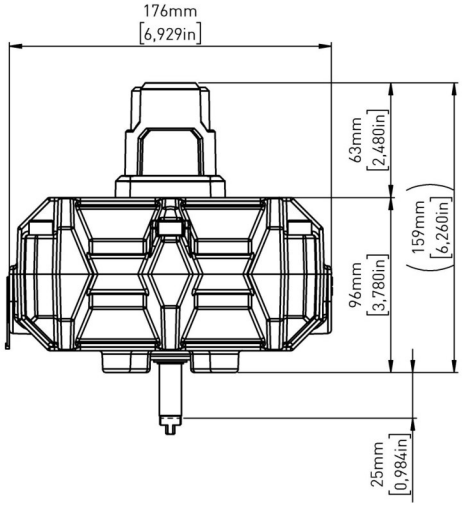
Artikelnummer Part number	**DXA2I10-D**
Endschaltertyp Switch type	P+F, NBB2-V3-E2
Spannung/Strom Voltage/Current	Ue: 10-30V DC, Ie: 100 mA, PNP NO
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	T6: -25...+70°C
Gehäuse Material Housing material	Aluminium (copper-free), MVQ, PTFE
Anschlüsse Connections	A/B: M20x1,5
Ex Bescheinigung Ex document	EPS 25 ATEX 1 305 X IECEx EPS 25.0068 X
Kennzeichnung Marking	II 2G Ex db IIC T5...T6 Gb II 2D Ex tb IIIC T85°C...T100°C Db
Ex Zone Ex zone	Zone 1, 21

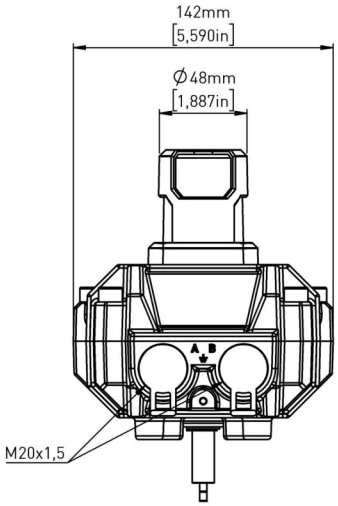
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

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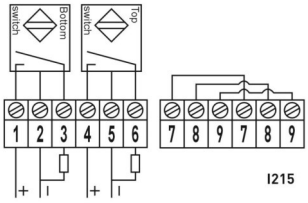
Endschalterbox, nxt-d, Ex d, Aluminium, 2x induktiv, V3, 3-Draht

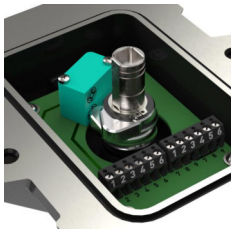
Limit switch box, nxt-d, Aluminum, Ex d, 2x inductive, 3-wire



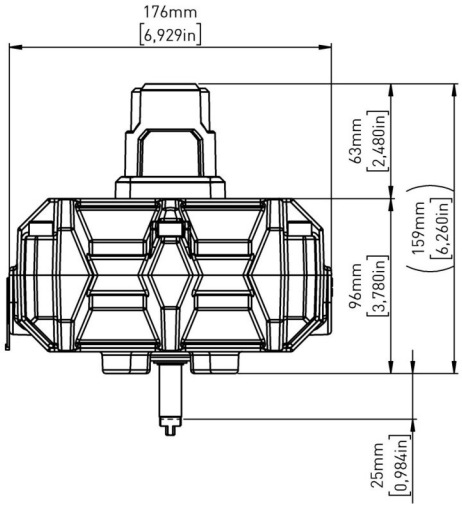
Artikelnummer Part number	**DXA2I10-D-NPT12**
Endschaltertyp Switch type	P+F, NBB2-V3-E2
Spannung/Strom Voltage/Current	Ue: 10-30V DC, Ie: 100 mA, PNP NO
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	T6: -25...+70°C
Gehäuse Material Housing material	Aluminium (copper-free), MVQ, PTFE
Anschlüsse Connections	A/B: NPT1/2
Ex Bescheinigung Ex document	EPS 25 ATEX 1 305 X IECEx EPS 25.0068 X
Kennzeichnung Marking	II 2G Ex db IIC T5...T6 Gb II 2D Ex tb IIIC T85°C...T100°C Db
Ex Zone Ex zone	Zone 1, 21

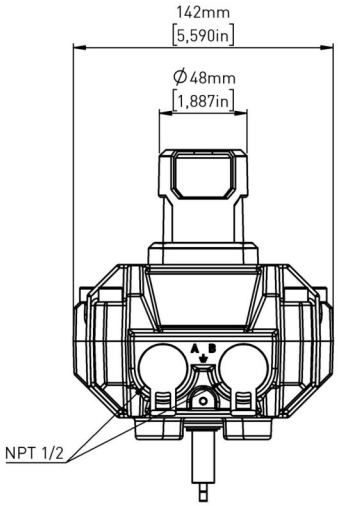
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

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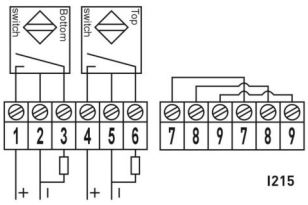
Endschalterbox, nxt-d, Ex d, Aluminium, 2x induktiv, V3, 3-Draht

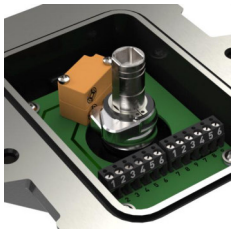
Limit switch box, nxt-d, Aluminum, Ex d, 2x inductive, 3-wire



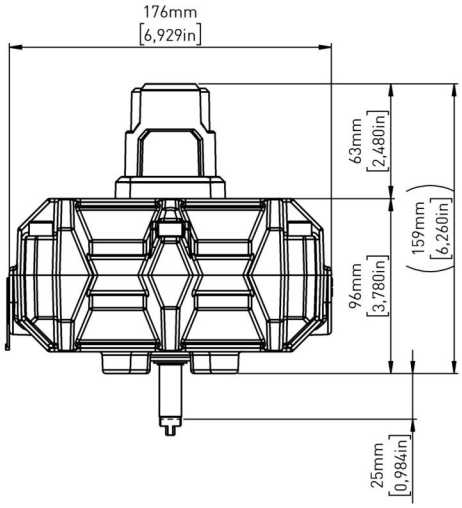
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Endschaltertyp Switch type	IFM, IS5001
Spannung/Strom Voltage/Current	Ue: 10-30V DC, Ie: 200mA, PNP NO
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	T6: -40...+75°C/ T5: +80°C
Gehäuse Material Housing material	Aluminium (copper-free), MVQ, PTFE
Anschlüsse Connections	A/B: M20x1,5
Ex Bescheinigung Ex document	EPS 25 ATEX 1 305 X IECEx EPS 25.0068 X
Kennzeichnung Marking	II 2G Ex db IIC T5...T6 Gb II 2D Ex tb IIIC T85°C...T100°C Db
Ex Zone Ex zone	Zone 1, 21

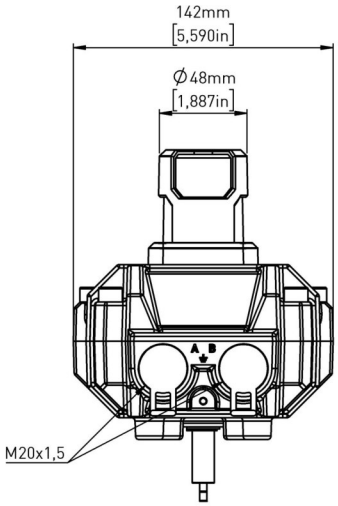
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

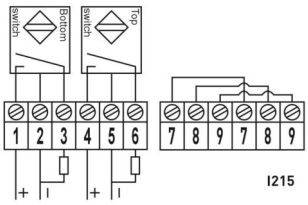
Endschalterbox, nxt-d, Ex d, Aluminium, 2x induktiv, V3, 3-Draht

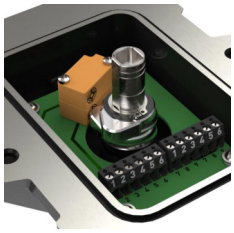
Limit switch box, nxt-d, Aluminum, Ex d, 2x inductive, 3-wire



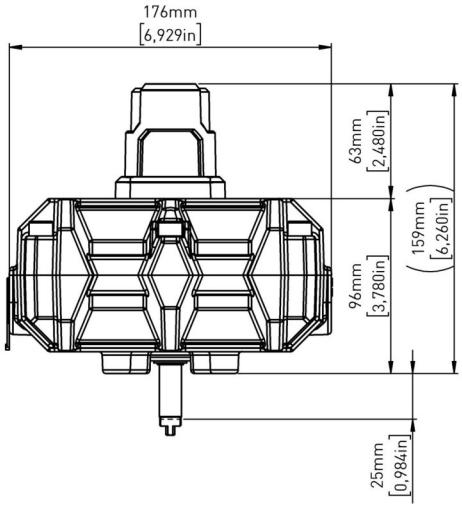
Artikelnummer Part number	**DXA2I10-7-D-NPT12**
Endschaltertyp Switch type	IFM, IS5001
Spannung/Strom Voltage/Current	Ue: 10-30V DC, Ie: 200mA, PNP NO
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	T6: -40...+75°C/ T5: +80°C
Gehäuse Material Housing material	Aluminium (copper-free), MVQ, PTFE
Anschlüsse Connections	A/B: NPT1/2
Ex Bescheinigung Ex document	EPS 25 ATEX 1 305 X IECEx EPS 25.0068 X
Kennzeichnung Marking	II 2G Ex db IIC T5...T6 Gb II 2D Ex tb IIIC T85°C...T100°C Db
Ex Zone Ex zone	Zone 1, 21

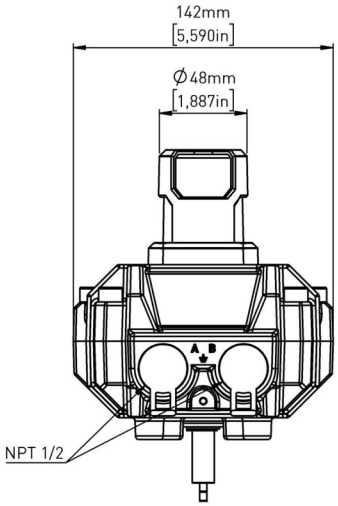
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

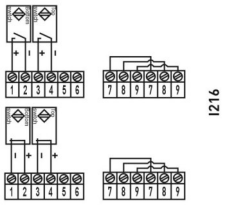
Endschalterbox, nxt-d, Ex d, Aluminium, 2x induktiv, V3, 2-Draht

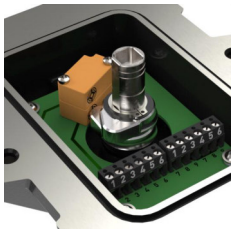
Limit switch box, nxt-d, Aluminum, Ex d, 2x inductive, 2-wire



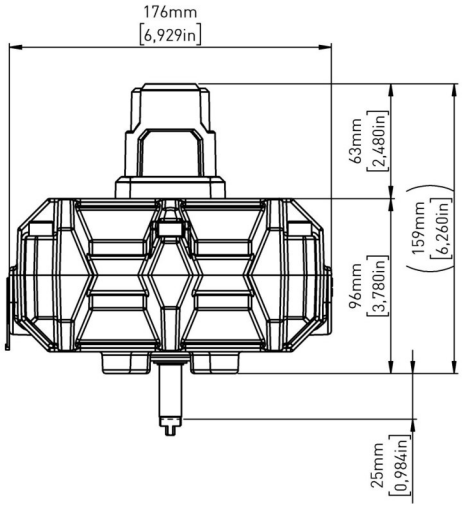
Artikelnummer Part number	**DXA2I10-19-D**
Endschaltertyp Switch type	IFM, IS5026
Spannung/Strom Voltage/Current	Ue: 5-36V DC, Ie: 200mA, PNP/NPN NO/NC
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	T6: -40...+75°C/ T5: +80°C
Gehäuse Material Housing material	Aluminium (copper-free), MVQ, PTFE
Anschlüsse Connections	A/B: M20x1,5
Ex Bescheinigung Ex document	EPS 25 ATEX 1 305 X IECEx EPS 25.0068 X
Kennzeichnung Marking	II 2G Ex db IIC T5...T6 Gb II 2D Ex tb IIIC T85°C...T100°C Db
Ex Zone Ex zone	Zone 1, 21

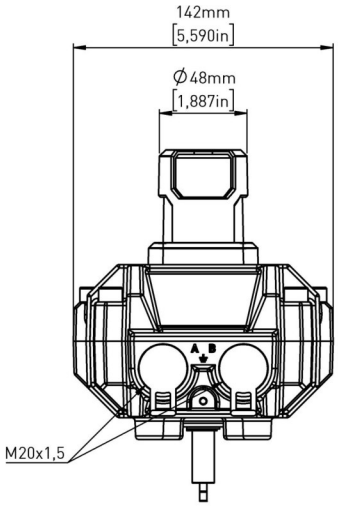
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

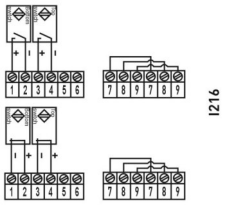
Endschalterbox, nxt-d, Ex d, Aluminium, 2x induktiv, V3, 2-Draht

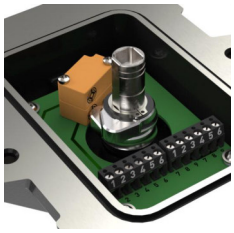
Limit switch box, nxt-d, Aluminum, Ex d, 2x inductive, 2-wire



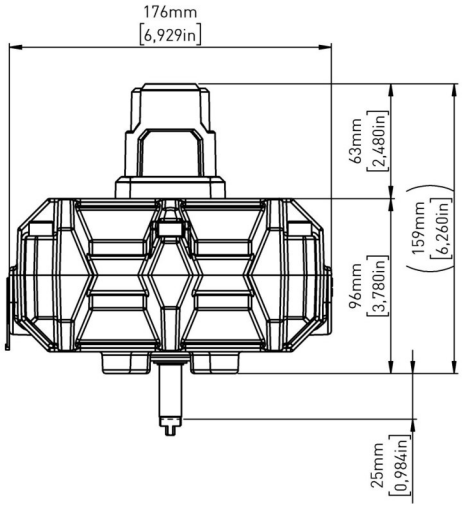
Artikelnummer Part number	**DXA2I10-19-D-NPT12**
Endschaltertyp Switch type	IFM, IS5026
Spannung/Strom Voltage/Current	Ue: 5-36V DC, Ie: 200mA, PNP/NPN NO/NC
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	T6: -40...+75°C/ T5: +80°C
Gehäuse Material Housing material	Aluminium (copper-free), MVQ, PTFE
Anschlüsse Connections	A/B: NPT1/2
Ex Bescheinigung Ex document	EPS 25 ATEX 1 305 X IECEx EPS 25.0068 X
Kennzeichnung Marking	II 2G Ex db IIC T5...T6 Gb II 2D Ex tb IIIC T85°C...T100°C Db
Ex Zone Ex zone	Zone 1, 21

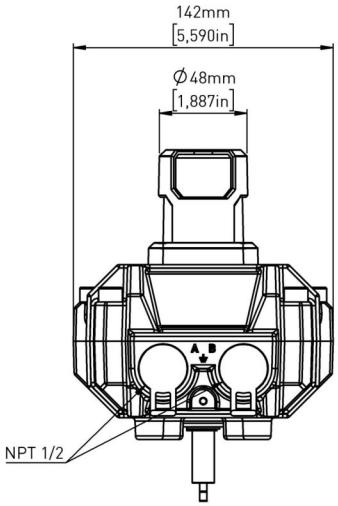
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

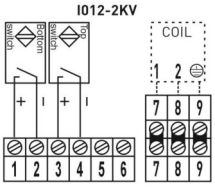
Endschalterbox, nxt-d, Ex d, Aluminium, 2x induktiv, V3, 2-Draht

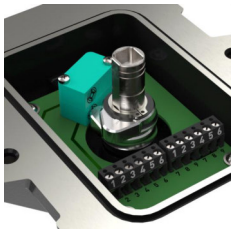
Limit switch box, nxt-d, Aluminum, Ex d, 2x inductive, 2-wire



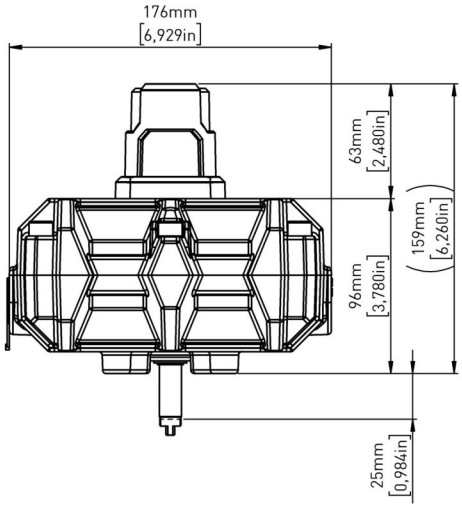
Artikelnummer Part number	**DXA2I10-9-D**
Endschaltertyp Switch type	P+F, NBB3-V3-Z4
Spannung/Strom Voltage/Current	Ue: 5-60V DC, Ie: 4-100mA, NO
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	T6: -25...+75°C/ T5: +80°C
Gehäuse Material Housing material	Aluminium (copper-free), MVQ, PTFE
Anschlüsse Connections	A/B: M20x1,5
Ex Bescheinigung Ex document	EPS 25 ATEX 1 305 X IECEx EPS 25.0068 X
Kennzeichnung Marking	II 2G Ex db IIC T5...T6 Gb II 2D Ex tb IIIC T85°C...T100°C Db
Ex Zone Ex zone	Zone 1, 21

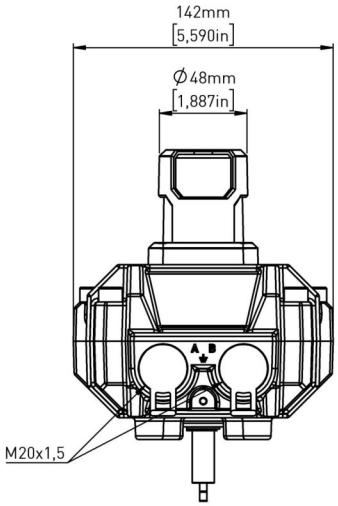
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

24.10.2025: MB, warten auf ATEX- und IECEx-Zertifikat. Voraussichtlich in KW47/48.

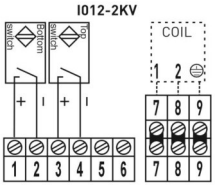
Endschalterbox, nxt-d, Ex d, Aluminium, 2x induktiv, V3, 2-Draht

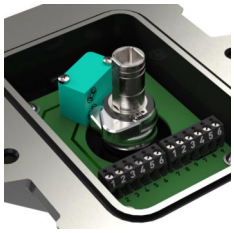
Limit switch box, nxt-d, Aluminum, Ex d, 2x inductive, 2-wire



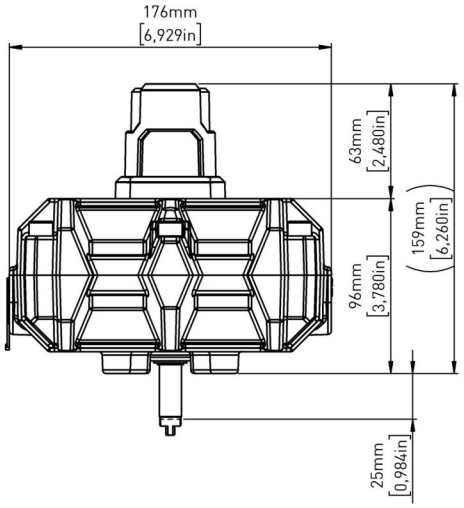
Artikelnummer Part number	**DXA2I10-9-D-NPT12**
Endschaltertyp Switch type	P+F, NBB3-V3-Z4
Spannung/Strom Voltage/Current	Ue: 5-60V DC, Ie: 4-100mA, NO
IP-Schutz IP protection	IP66/IP67
SIL Level SIL level	
Umgebungstemperatur Ambient temperature	T6: -25...+75°C/ T5: +80°C
Gehäuse Material Housing material	Aluminium (copper-free), MVQ, PTFE
Anschlüsse Connections	A/B: NPT1/2
Ex Bescheinigung Ex document	EPS 25 ATEX 1 305 X IECEx EPS 25.0068 X
Kennzeichnung Marking	II 2G Ex db IIC T5...T6 Gb II 2D Ex tb IIIC T85°C...T100°C Db
Ex Zone Ex zone	Zone 1, 21

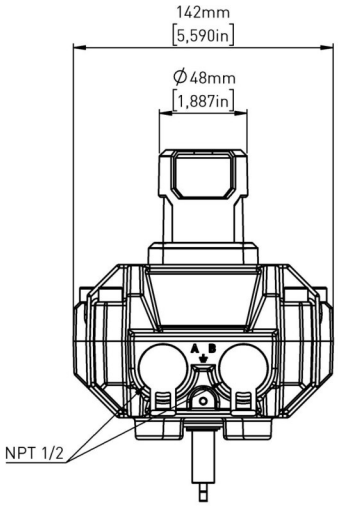
Klemmplan Wiring diagram





MaßzeichnungDimensions





Enthaltenes Zubehör Included Accessories

Besonderheiten Extras

24.10.2025: MB, warten auf ATEX- und IECEx-Zertifikat. Voraussichtlich in KW47/48.

Optionen und Zubehör Options and accessories

Optische Anzeigen Visual indicators

Standard



OPEN-CLOSED Tower-Anzeige (gelb-schwarz) im Gehäusedeckel für 90° Schwenkbereich,
OPEN-CLOSED Tower visual indicator (yellow-black) inside the cover for 90° swivel range

-OCTYR



OPEN-CLOSED Tower-Anzeige (gelb-rot*) im Gehäusedeckel für 90° Schwenkbereich,
OPEN-CLOSED Tower visual indicator (yellow-red*) inside the cover for 90° swivel range

-OCTGR



OPEN-CLOSED Tower-Anzeige (grün-rot) im Gehäusedeckel für 90° Schwenkbereich,
OPEN-CLOSED Tower visual indicator (grün-rot) inside the cover for 90° swivel range

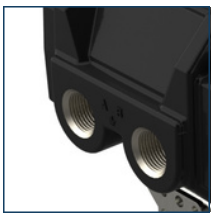
-OC



OPEN-CLOSED Anzeige (gelb-schwarz) unter der Box, für 90° Schwenkbereich
OPEN-CLOSED (yellow-black) visual indicator below the box, for 90° swivel range

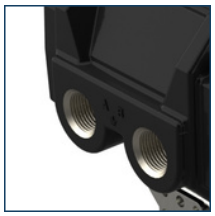
Anschlüsse Connections

Standard



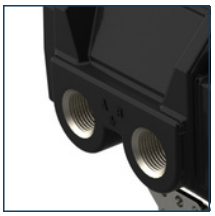
2 Gewindeanschluss M20x1,5, ohne Kabelverschraubung
2 thread connections M20x1,5, without cable glands

-4M20



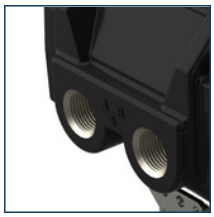
4 Gewindeanschluss M20x1,5 ohne Kabelverschraubung
4 Thread connection M20x1,5 without cable glands

-2NPT12



2 Gewindeanschluss NPT 1/2 ohne Kabelverschraubung
2 thread connection NPT 1/2 without cable glands

-4NPT12



4 Gewindeanschluss NPT 1/2 ohne Kabelverschraubung
4 Thread connection NPT 1/2 without cable glands

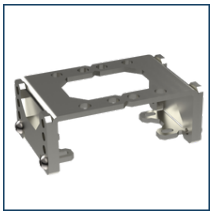
Montagebrücken Bracketry

-MBH



Verstellbare Montagebrücke nach VDI/VDE 3845 mit F05 anschluss, Edelstahl 1.4301
Adjustable mounting bracket acc. to VDI/VDE 3845 with F05 top flange, stainless steel AISI 304

-MBHX



Verstellbare Montagebrücke mit Ø 80,82 mm Edelstahl 1.4301
Adjustable mounting bracket with Ø 80,82 mm Stainless steel AISI 304

Weiteres Zubehör More accessories

-ASI



Für die Anbindung als Slave im AS-i Netz
For the connection as slave in the AS-i net

-DAE



Für Einsatz im Freien, Druckausgleichselement zur Vermeidung von Kondenswasserbildung im Boxengehäuse
For outdoor use, venting screw in order to avoid condensed water inside of the switch box housing

Bestellschlüssel

Order code

DXA2I10-9-D-XY1

Gehäuse Housing	
DXA	**Kupferfreies Aluminium** Copper-free aluminum

Schalter Switches	
1	**Stück** Piece
2	**Stück** Pieces
3	**Stück** Pieces
4	**Stück** Pieces

Schaltertyp Switch type	
M	**Mechanisch** Mechanical
I	**Induktiv** Inductive
S	**Schlitz** Slot
D	**Doppelsensor** Dual sensor
PT	**Potentiometer** Potentiometer
R	**Reedsensor** Reed sensor
W	**Winkelsensor** Angle sensor

Antrieb Bohrbilder & Wellenhöhe Actuator hole spacings & shaft height[1]	
10	F05

Endschalternummer Switch type code

Explosionsschutz Explosion protection	
D	**Ex db / Ex tb** Zone 1, 2 & Zone 21, 22
IA-D	**Ex db ia / Ex tb** Zone 1, 2 & Zone 21, 22

Optionen und Zubehör Options and accessories

Umgebungstemperatur Ambient temperature[2]	
#°C	**Tieftemperaturbereich** Low temp. area

Sonderausführung Custom design
Auf Anfrage Upon request

[1] **Montagebrücken können optional dazu bestellt werden, siehe Optionen.** Mounting brackets can be ordered separately, see options.

[2] **Tieftemperaturbereich: unter -25 °C.** Low temperature range: below -25 °C