



# PBS plus

MULTIFUNCTIONAL IO-LINK SENSOR FOR PRESSURE MEASUREMENT, CONTROL AND MONITORING

Pressure sensors

**SICK**  
Sensor Intelligence.

# IO-LINK SENSOR FOR PRESSURE MEASUREMENT, CONTROL AND MONITORING



## Product description

The PBS plus is an electronic pressure switch, pressure transmitter and display in one and is available with up to two switching outputs, analog output and IO-Link. It is set using three large pushbuttons and the display or via IO-Link. The housing can be twisted in two places - the display and the electrical connection can be optimally aligned in any mounting situation. With measuring ranges of 0.4 bar to 1,000 bar (gauge pressure), the PBS plus can be used in

many different applications. It also has absolute pressure and vacuum measuring ranges. The PBS plus is highly resistant to corrosion due to the fully-welded stainless steel membrane. Process data is transmitted to the control via IO-Link as measured values in bar. The diagnostic options make it possible for temperature values to be read out in °C and minimum and maximum values for temperature and pressure to be monitored.

## At a glance

- Switchable switching outputs (PNP/NPN) and analog output (current/voltage)
- Scalable analog output (5:1 turn down)
- High measurement accuracy: ± 0.5%
- IO-Link for transmitting process data to the control as measured values in bar
- Housing can be twisted in two places (process connection/display) and display can be rotated by 180°
- Common process connections, also with flush-mounted membrane

## Your benefits

- Low storage costs, short delivery times, low number of variants
- Reduced installation time since housing and display can be rotated at two points
- Rugged design: stainless steel measuring cell
- No special conversion of IO-Link process data is required - it is shown automatically as measured values in bar
- Extensive diagnosis options via IO-Link (e.g. pressure peaks, ambient temperature) deliver data for predictive maintenance
- Economic solution for hydrostatic level measurement (thanks to high accuracy and small measuring ranges)



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→ [www.sick.com/PBS\\_plus](http://www.sick.com/PBS_plus)

For more information, simply enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples, and much more.



## Detailed technical data

## Features

<b>Medium</b>	Liquid, gaseous
<b>Pressure unit</b>	bar (switchable to psi, MPa, kPa, kg/cm <sup>2</sup> )
<b>Process temperature</b>	-20 °C ... +85 °C
<b>Measuring range</b>	
Gauge pressure	0 bar ... 0.4 bar (0 psi ... 6 psi) up to 0 bar ... 1000 bar (0 psi ... 14504 psi)
Absolute pressure	0 bar ... 0.4 bar (0 psi ... 6 psi) up to 0 bar ... 25 bar (0 psi ... 363 psi)
Compound pressure	-1 bar ... 0 bar (-14.5 psi ... 0 psi) up to -1 bar ... +24 bar (-14.5 psi ... +348 psi)
<b>Analog signal output and ohmic load R<sub>A</sub></b>	4 mA ... 20 mA (R <sub>A</sub> ≤ 0.5 kOhm) 0 V ... 10 V, 3-wire (R <sub>A</sub> > 10 kOhm)
<b>Zero point adjustment</b>	Max. + 3 % of span
<b>Switching output</b>	Transistor switching output PNP or NPN switchable, number: 1 or 2 Function: normally open/normally closed, windows- and hysteresis function freely adjustable Contact rating: Supply voltage L <sup>+</sup> - 1 V [V DC] Max. switching current: 250 mA Switching delay: 0 s ... 65 s (programmable) Adjustment time: ≤ 5 ms Individually adjustable via external control buttons Setting accuracy: ≤ 0.5 % of span
<b>Rotatable housing</b>	Display against housing with electrical connection: 330 ° Housing against process connection: 320 °
<b>Display</b>	14-Segment LED, red, 4-digit, character height 9 mm, can be rotated electronically by 180 ° Update: 1,000, 500, 200, 100 ms (adjustable)

## Performance

<b>Non-linearity</b>	≤ ± 0.25 %, of span (Best Fit Straight Line, BFSL) according to IEC 61298-2
<b>Accuracy</b>	≤ ± 0.5 % (of the span) Including non-linearity, hysteresis, zero point and full scale error (corresponds to error of measurement as per IEC 61298-2)
<b>Response time</b>	≤ 5 ms
<b>Long-term drift/one-year stability</b>	≤ ± 0.1 % of the span according to IEC 61298-2 ≤ 0.2 % of the span according to IEC 61298-2 for measuring range ≤ 0.6 bar or flush-mounted membrane (0 psi ... 10 psi)
<b>Temperature error</b>	≤ ± 1.0% of the range, typ., ≤ ± 2.5% of the range max.
<b>Temperature coefficient in rated temperature range</b>	Average TC of the zero point: ≤ ± 0.16% of the span / 10 K Average TC of the span ≤ ± 0.16% of the span / 10 K
<b>Rated temperature range</b>	0 °C ... +80 °C
<b>Service life</b>	Minimum 100 Mio. life cycles

## Mechanics/electronics

<b>Process connection</b>	G ¼ A according to DIN 3852-E G ½ B flush mounted ¼" NPT G ¼ female
<b>Wetted parts</b>	Pressure connection: stainless steel 316L Pressure sensor: stainless steel 316L (for measurement ranges from 0 bar ... 10 bar rel stainless steel 13-8 PH)
<b>Internal transmission fluid</b>	Silicone oil (only with pressure ranges < 0 bar ... 10 bar and ≤ 0 bar abs ... 25 bar abs)
<b>Pressure peak dampening <sup>1)</sup></b>	Through integrated pressure port 0.6 mm or 0.3 mm for process connection G ¼ according to DIN 3852-E (0.3 mm at and above 10 bar)

<sup>1)</sup> Available on request for process connections G ¼ A according to DIN 3852-E, ¼" NPT.

<sup>2)</sup> Enclosure rating IP per IEC 60529. The enclosure rating classes specified only apply when connected with female connectors that provide the corresponding enclosure rating.

<b>Pressure port</b>	3.5 mm, Standard Front-flush membrane
<b>Housing material</b>	Lower body: stainless steel 304, Plastic head: PC + ABS, Buttons: TPE-E, Display window: PC
<b>Electrical connection <sup>2)</sup></b>	Round connector M12 x 1, 4-pin with 2 switching outputs or with 1 switching output + analog output Round connector M12 x 1, 5-pin with 2 switching outputs + analog output
<b>Supply voltage</b>	15 V DC ... 35 V DC
<b>Power consumption</b>	45 mA (for configurations without analog output signal) 70 mA (for configurations with analog output signal)
<b>Total current consumption</b>	Max. 600 mA (including switching current)
<b>Electrical safety</b>	Protection class: III Overvoltage protection: 40 V DC Short-circuit protection: Q <sub>A</sub> , Q <sub>1</sub> , Q <sub>2</sub> towards M Reverse polarity protection: L <sup>+</sup> to M
<b>Isolation voltage</b>	500 V DC
<b>CE-conformity</b>	EMC directive: 2014/30 / EU (EN 61326-1:2013; EN 61326-2-3:2013) Pressure equipment directive: 2014/68 / EU Hazardous substances (RoHS): 2011/65/EU (EN 50581:2012)
<b>Weight sensor</b>	Approx. 220 g
<b>Seal</b>	NBR seal installed, FPM/FKM seal included Without seal
<b>Enclosure rating</b>	IP67 / IP67
<b>MTTF</b>	> 100 years

<sup>1)</sup> Available on request for process connections G ¼ A according to DIN 3852-E, ¼" NPT.

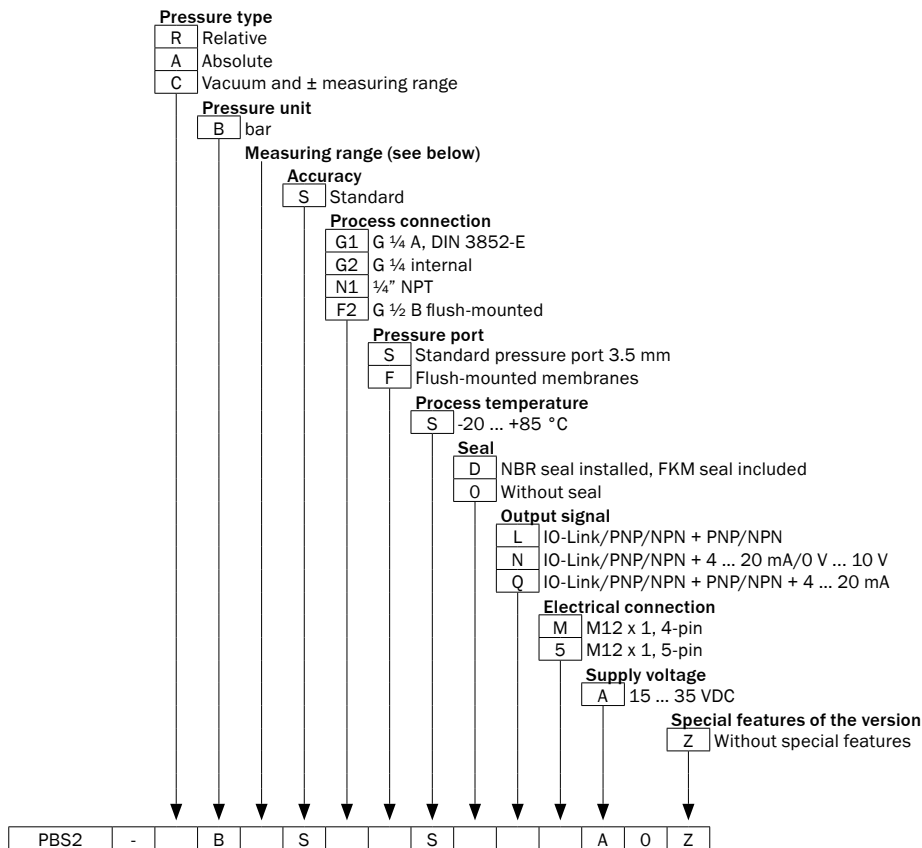
<sup>2)</sup> Enclosure rating IP per IEC 60529. The enclosure rating classes specified only apply when connected with female connectors that provide the corresponding enclosure rating.

## Ambient data

<b>Ambient temperature</b>	-20 °C ... +80 °C
<b>Storage temperature</b>	-20 °C ... +70 °C
<b>Relative humidity</b>	≤ 75 %
<b>Shock load</b>	50 g, 6 ms according to IEC 60068-2-27 (mechanical shock)
<b>Vibration load</b>	20 g, 10 Hz ... 2,000 Hz (IEC 60068-2-6, at resonance)

Type code

Type code



Not all variants of the type code can be combined!

Measuring range

	Gauge pressure measuring range	Overload limit
X40	0 ... 0.4 bar (0 ... 6 psi)	0.8 bar
X60	0 ... 0.6 bar (0 ... 9 psi)	1.2 bar
1X0	0 ... 1 bar (0 ... 15 psi)	2 bar
1X6	0 ... 1.6 bar (0 ... 23 psi)	3.2 bar
2X5	0 ... 2.5 bar (0 ... 36 psi)	5 bar
4X0	0 ... 4 bar (0 ... 58 psi)	8 bar
6X0	0 ... 6 bar (0 ... 87 psi)	12 bar
010	0 ... 10 bar (0 ... 145 psi)	20 bar
016	0 ... 16 bar (0 ... 232 psi)	32 bar
025	0 ... 25 bar (0 ... 363 psi)	50 bar
040	0 ... 40 bar (0 ... 580 psi)	80 bar
060	0 ... 60 bar (0 ... 870 psi)	120 bar

	Absolute pressure measuring range	Overload limit
X40	0 ... 0.4 bar (0 ... 6 psi) abs	0.8 bar
X60	0 ... 0.6 bar (0 ... 9 psi) abs	1.2 bar
1X0	0 ... 1 bar (0 ... 15 psi) abs	2 bar abs
1X6	0 ... 1.6 bar (0 ... 23 psi) abs	3.2 bar abs
2X5	0 ... 2.5 bar (0 ... 36 psi) abs	5 bar abs
4X0	0 ... 4 bar (0 ... 58 psi) abs	8 bar abs
6X0	0 ... 6 bar (0 ... 87 psi) abs	12 bar abs
010	0 ... 10 bar (0 ... 145 psi) abs	20 bar abs
016	0 ... 16 bar (0 ... 232) abs	32 bar abs
025	0 ... 25 bar (0 ... 363 psi) abs	50 bar abs

	± measuring range	Overload limit
1X0	-1 ... 0 bar (-14.5 ... 0 psi)	2 bar
1X6	-1 ... 0.6 bar (-14.5 ... +9 psi)	1.2 bar
2X5	-1 ... +1.5 bar (-14.5 ... +22 psi)	3 bar
4X0	-1 ... +3 bar (-14.5 ... 44 psi)	6 bar
6X0	-1 ... +5 bar (-14.5 ... +73 psi)	10 bar
010	-1 ... +9 bar (-14.5 ... +131 psi)	18 bar
016	-1 ... +15 bar (-14.5 ... +218 psi)	30 bar
025	-1 ... +24 bar (-14.5 ... +348 psi)	48 bar

	Gauge pressure measuring range	Overload limit		Absolute pressure measuring range	Overload limit		± measuring range	Overload limit
100	0 ... 100 bar (0 ... 1450 psi)	200 bar						
160	0 ... 160 bar (0 ... 2321 psi)	320 bar						
250	0 ... 250 bar (0 ... 3626 psi)	500 bar						
400	0 ... 400 bar (0 ... 5802 psi)	800 bar						
600	0 ... 600 bar (0 ... 8702 psi)	1200 bar						
1K0	0 ... 1000 bar (0 ... 14504 psi)	1500 bar						

### Ordering information

The part numbers below show a selection of our common configurations and represent only a portion of the product portfolio. The type code on page 5 indicates all possible configurations that can be ordered.

- Absolute pressure
- **Output signal:** IO-Link/PNP/NPN + 4 mA ... 20 mA / 0 V ... 10 V
- **Electrical connection:** round connector M12 x 1, 4-pin, IP67
- **Process connection:** G ¼ female
- **Seal:** without seal

Process temperature	Measuring range	Accuracy	Pressure port	Type	Part no.
-20 °C ... +85 °C	0 bar ... 0.6 bar (0 psi ... 9 psi)	≤ ± 0.5 % of the span	Standard	PBS2-ABX-60SG2SSONMAOZ	6072931

- Relative pressure
- **Output signal:** IO-Link/PNP/NPN + PNP/NPN
- **Electrical connection:** round connector M12 x 1, 4-pin, IP67
- **Process connection:** G ¼ A according to DIN 3852-E
- **Seal:** NBR seal installed, FPM/FKM seal included
- **Process temperature:** -20 °C ... +85 °C
- **Accuracy:** ≤ ± 0.5 % of the span
- **Pressure port:** Standard

Measuring range	Type	Part no.
0 bar ... 1,000 bar (0 psi ... 14504 psi)	PBS2-RB1K0SG1SS-DLMAOZ	6072947
0 bar ... 600 bar (0 psi ... 8702 psi)	PBS2-RB600SG1SS-DLMAOZ	6072946
0 bar ... 400 bar (0 psi ... 5802 psi)	PBS2-RB400SG1SS-DLMAOZ	6072945
0 bar ... 250 bar (0 psi ... 3626 psi)	PBS2-RB250SG1SS-DLMAOZ	6072944
0 bar ... 160 bar (0 psi ... 2321 psi)	PBS2-RB160SG1SS-DLMAOZ	6072943
0 bar ... 100 bar (0 psi ... 1450 psi)	PBS2-RB100SG1SS-DLMAOZ	6072942
0 bar ... 60 bar (0 psi ... 870 psi)	PBS2-RB060SG1SS-DLMAOZ	6072941
0 bar ... 40 bar (0 psi ... 580 psi)	PBS2-RB040SG1SS-DLMAOZ	6072940
0 bar ... 25 bar (0 psi ... 363 psi)	PBS2-RB025SG1SS-DLMAOZ	6072939
0 bar ... 16 bar (0 psi ... 232 psi)	PBS2-RB016SG1SS-DLMAOZ	6072938
0 bar ... 10 bar (0 psi ... 145 psi)	PBS2-RB010SG1SS-DLMAOZ	6072937

Measuring range	Type	Part no.
0 bar ... 6 bar (0 psi ... 87 psi)	PBS2-RB6X0SG1SS-DLMA0Z	6072936
0 bar ... 4 bar (0 psi ... 58 psi)	PBS2-RB4X0SG1SS-DLMA0Z	6072935
0 bar ... 1.6 bar (0 psi ... 23 psi)	PBS2-RB1X6SG1SS-DLMA0Z	6072933

- Relative pressure
- **Process temperature:** -20 °C ... +85 °C
- **Accuracy:**  $\leq \pm 0.5\%$  of the span

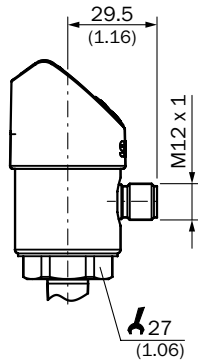
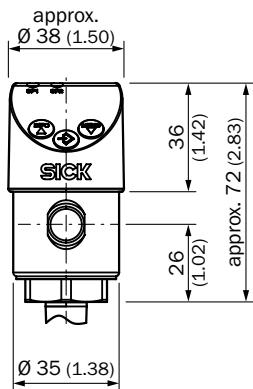
Output signal	Electrical connection	Process connection	Seal	Measuring range	Pressure port	Type	Part no.
IO-Link/PNP/NPN + PNP/NPN + 4 mA ... 20 mA / 0 V ... 10 V	Round connector M12 x 1, 5-pin, IP67	¼" NPT	Without seal	0 bar 1 bar 0 psi ... 15 psi	Standard	PBS2-RB1X0SN1S-SOQ5A0Z	6072932
IO-Link/PNP/NPN + PNP/NPN	Round connector M12 x 1, 4-pin, IP67	G ½ B flush mounted	NBR seal installed, FPM/FKM seal included	0 bar 2.5 bar 0 psi ... 36 psi	Front-flush membrane	PBS2-RB2X5SF2FS-DLMA0Z	6072934

- Compound pressure
- **Output signal:** IO-Link/PNP/NPN + PNP/NPN
- **Electrical connection:** round connector M12 x 1, 4-pin, IP67
- **Process connection:** G ¼ A according to DIN 3852-E
- **Seal:** NBR seal installed, FPM/FKM seal included
- **Process temperature:** -20 °C ... +85 °C
- **Accuracy:**  $\leq \pm 0.5\%$  of the span
- **Pressure port:** Standard

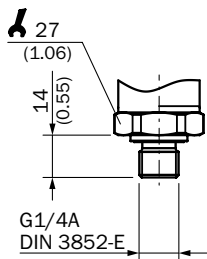
Measuring range	Type	Part no.
-1 bar ... 24 bar (-14,5 psi ... 348 psi)	PBS2-CB025SG1SS-DLMA0Z	6072956
-1 bar ... 15 bar (-14,5 psi ... 218 psi)	PBS2-CB016SG1SS-DLMA0Z	6072955
-1 bar ... 9 bar (-14,5 psi ... 131 psi)	PBS2-CB010SG1SS-DLMA0Z	6072954
-1 bar ... 5 bar (-14,5 psi ... 73 psi)	PBS2-CB6X0SG1SS-DLMA0Z	6072953
-1 bar ... 3 bar (-14,5 psi ... 44 psi)	PBS2-CB4X0SG1SS-DLMA0Z	6072952
-1 bar ... 1.5 bar (-14,5 psi ... 22 psi)	PBS2-CB2X5SG1SS-DLMA0Z	6072951
-1 bar ... 0.6 bar (-14,5 psi ... 9 psi)	PBS2-CB1X6SG1SS-DLMA0Z	6072950
-1 bar ... 0 bar (-14,5 psi ... 0 psi)	PBS2-CB1X0SG1SS-DLMA0Z	6072948

Dimensional drawing (Dimensions in mm (inch))

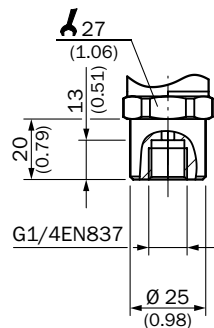
PBS plus



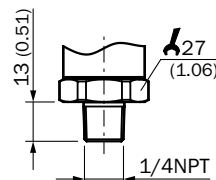
G 1/4 A DIN 3852-E



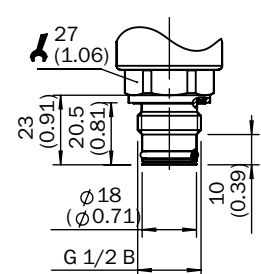
G 1/4 female EN 837



1/4" NPT



G 1/2 B flush mounted




Accessories

Mounting systems

Mounting brackets and plates


Mounting brackets

	Brief description	Type	Part no.
	Mounting bracket for simple and stable wall mounting of pressure sensors with 27 mm hexagon, Aluminum	BEF-FL-ALUPBS-HLDR	5322501

Connection systems

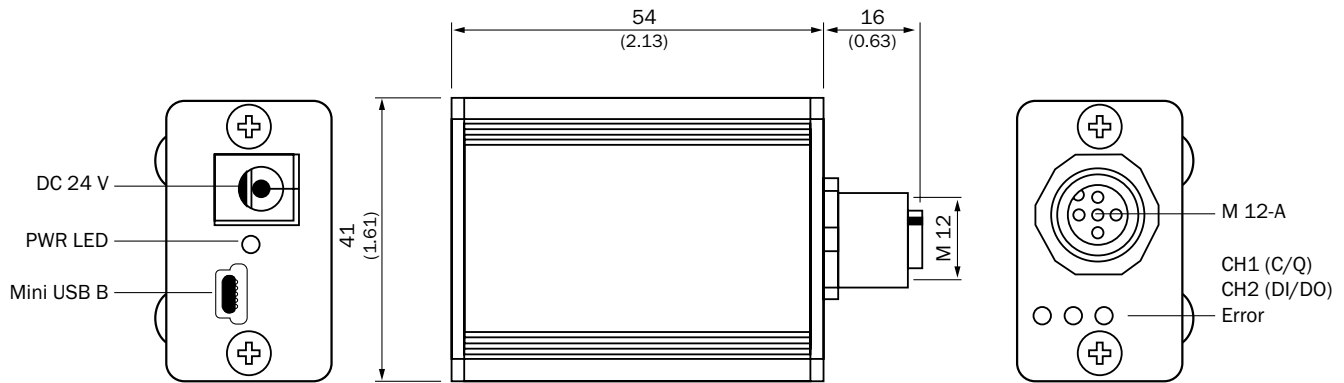
Modules and gateways

Connection modules

	Brief description	Type	Part no.
	IO-Link V1.1 Class A port, USB2.0 port, optional external power supply 24V / 1A	IOLA2US-01101 (SiLink2 Master)	1061790



IOLA2US-01101 (SiLink2 Master)



Plug connectors and cables

Connecting cables

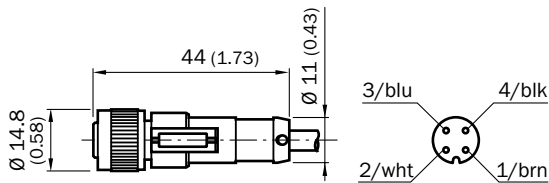
	Brief description	Length of cable	Type	Part no.
	Head A: female connector, M12, 4-pin, straight Head B: Flying leads Cable: PUR, halogen-free, unshielded, 4.7 mm	2 m	DOL-1204-G02MC	6025900
		5 m	DOL-1204-G05MC	6025901
		10 m	DOL-1204-G10MC	6025902
		15 m	DOL-1204-G15MC	6034749
		20 m	DOL-1204-G20MC	6034750
		25 m	DOL-1204-G25MC	6034751
	Head A: female connector, M12, 4-pin, angled Head B: Flying leads Cable: PUR, halogen-free, unshielded, 4.7 mm	2 m	DOL-1204-W02MC	6025903
		5 m	DOL-1204-W05MC	6025904
		10 m	DOL-1204-W10MC	6025905
		15 m	DOL-1204-W15MC	6034752
		20 m	DOL-1204-W20MC	6034753
		25 m	DOL-1204-W25MC	6034754
	Head A: female connector, M12, 4-pin, straight Head B: Flying leads Cable: PVC, unshielded, 5 mm	2 m	DOL-1204-G02M	6009382
		5 m	DOL-1204-G05M	6009866
		10 m	DOL-1204-G10M	6010543
		15 m	DOL-1204-G15M	6010753
	Head A: female connector, M12, 4-pin, angled Head B: Flying leads Cable: PVC, unshielded, 5 mm	20 m	DOL-1204-G20M	6034401
		2 m	DOL-1204-W02M	6009383
		5 m	DOL-1204-W05M	6009867
		10 m	DOL-1204-W10M	6010541
	Head A: female connector, M12, 4-pin, angled Head B: Flying leads Cable: PVC, unshielded, 5 mm	15 m	DOL-1204-W15M	6036474
		20 m	DOL-1204-W20M	6033559
		5 m	DOL-1204-W05MD	6020399
	Head A: female connector, M12, 4-pin, straight Head B: Flying leads Cable: PUR, halogen-free, unshielded, 5.9 mm	2 m	DOL-1204G02MC75KM0	2079290
		5 m	DOL-1204G05MC75KM0	2079291
		10 m	DOL-1204G10MC75KM0	2079292
		20 m	DOL-1204G20MC75KM0	2089703

	Brief description	Length of cable	Type	Part no.
	Head A: female connector, M12, 4-pin, angled Head B: Flying leads Cable: PUR, halogen-free, unshielded, 5.9 mm	2 m	DOL-1204W02MC75KM0	2079293
		5 m	DOL-1204W05MC75KM0	2079294
		10 m	DOL-1204W10MC75KM0	2079295
		20 m	DOL-1204W20MC75KM0	2089704
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	2 m	YF2A14-020UB3X-LEAX	2095607
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5 mm	2 m	YF2A14-020VB3X-LEAX	2096234
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	5 m	YF2A14-050UB3X-LEAX	2095608
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5 mm	5 m	YF2A14-050VB3X-LEAX	2096235
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	10 m	YF2A14-100UB3X-LEAX	2095609
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5 mm	10 m	YF2A14-100VB3X-LEAX	2096236
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	15 m	YF2A14-150UB3X-LEAX	2095610
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5 mm	15 m	YF2A14-150VB3X-LEAX	2096237
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	20 m	YF2A14-200UB3X-LEAX	2095611
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5 mm	20 m	YF2A14-200VB3X-LEAX	2096238
	Head A: female connector, M12, 4-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	25 m	YF2A14-250UB3X-LEAX	2095615

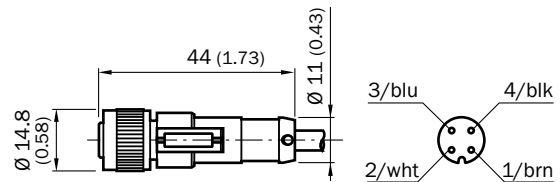
	Brief description	Length of cable	Type	Part no.
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	2 m	YG2A14-020UB3X-LEAX	2095766
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5 mm	2 m	YG2A14-020VB3X-LEAX	2095895
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	5 m	YG2A14-050UB3X-LEAX	2095767
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5 mm	5 m	YG2A14-050VB3X-LEAX	2095897
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	10 m	YG2A14-100UB3X-LEAX	2095768
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5 mm	10 m	YG2A14-100VB3X-LEAX	2095898
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	15 m	YG2A14-150UB3X-LEAX	2095769
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5 mm	15 m	YG2A14-150VB3X-LEAX	2096213
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	20 m	YG2A14-200UB3X-LEAX	2095770
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5 mm	20 m	YG2A14-200VB3X-LEAX	2096214
	Head A: female connector, M12, 4-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.5 mm	25 m	YG2A14-250UB3X-LEAX	2095771
	Head A: female connector, M12, 5-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.8 mm	2 m	YF2A15-020UB5X-LEAX	2095617
	Head A: female connector, M12, 5-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5.2 mm	2 m	YF2A15-020VB5X-LEAX	2096239

	Brief description	Length of cable	Type	Part no.
	Head A: female connector, M12, 5-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.8 mm	5 m	YF2A15-050UB5X-LEAX	2095618
	Head A: female connector, M12, 5-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5.2 mm	5 m	YF2A15-050VB5X-LEAX	2096240
	Head A: female connector, M12, 5-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.8 mm	10 m	YF2A15-100UB5X-LEAX	2095619
	Head A: female connector, M12, 5-pin, straight, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5.2 mm	10 m	YF2A15-100VB5X-LEAX	2096241
		15 m	YF2A15-150VB5X-LEAX	2096242
	Head A: female connector, M12, 5-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.8 mm	2 m	YG2A15-020UB5X-LEAX	2095772
	Head A: female connector, M12, 5-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5.2 mm	2 m	YG2A15-020VB5X-LEAX	2096215
	Head A: female connector, M12, 5-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PUR, halogen-free, unshielded, 0.34 mm <sup>2</sup> , 4.8 mm	5 m	YG2A15-050UB5X-LEAX	2095773
	Head A: female connector, M12, 5-pin, angled, A-coded Head B: Flying leads Cable: Sensor/actuator cable, PVC, unshielded, 0.34 mm <sup>2</sup> , 5.2 mm	10 m	YG2A15-100VB5X-LEAX	2096217

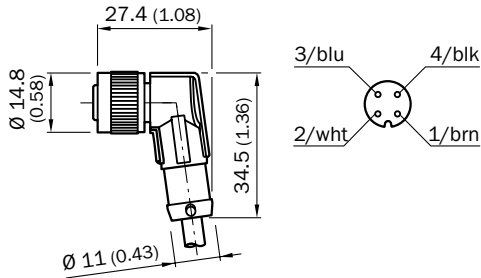
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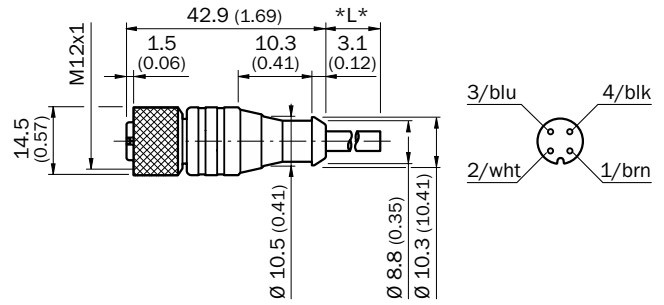
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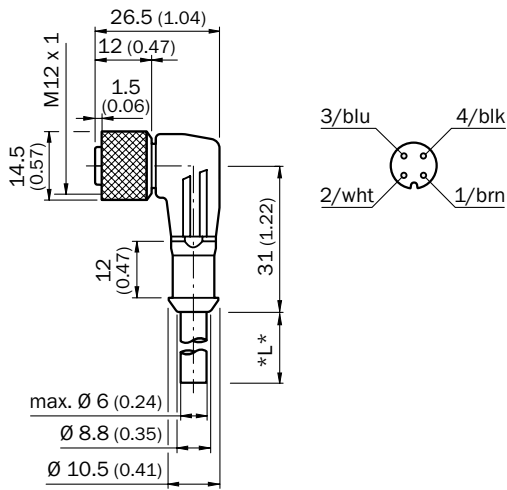
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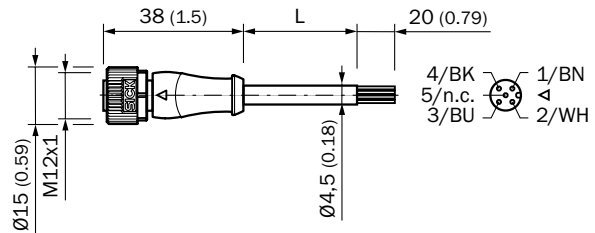
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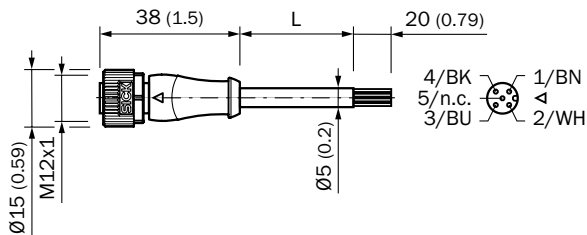
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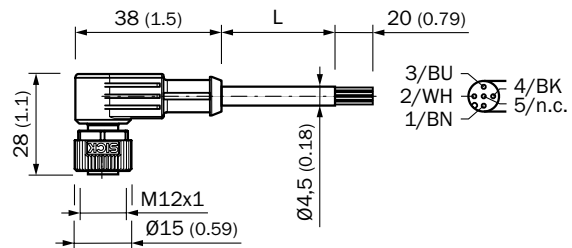
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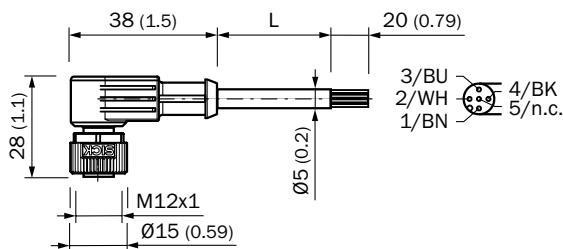
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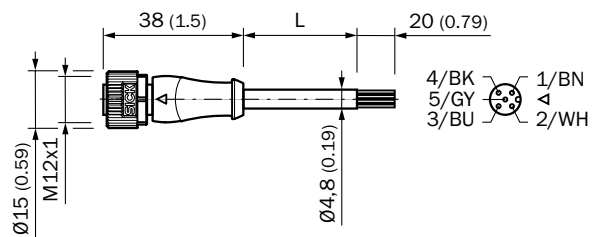
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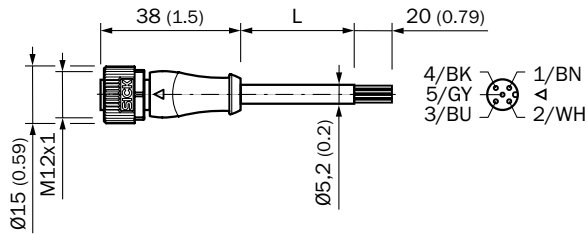
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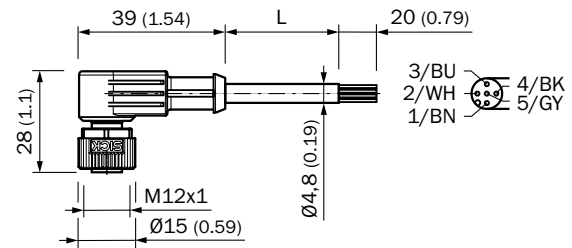
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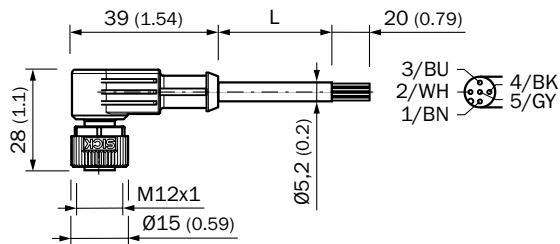
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YG2A15-020UB5XLEAX  
 YG2A15-050UB5XLEAX




YG2A15-020VB5XLEAX  
 YG2A15-100VB5XLEAX



Further accessories

Heating and cooling devices

Other cooling devices

	Brief description	Type	Part no.
	Cooling element, extension of the process temperature up to 150 °C. Maximum ambient temperature 30 °C. Max. process pressure 200 bar. Not suitable for pressure measurement in steam. Outer thread G 1/2, inner thread G 1/2.	BEF-CE-G12G12-150C	5324393
	Cooling element, extension of the process temperature up to 200 ℓ. Maximum ambient temperature 30 °C. Max. process pressure 200 bar. Not suitable for pressure measurement in steam. Outer thread G 1/2, inner thread G 1/2.	BEF-CE-G12G12-200C	5324394
	Cooling element, extension of the process temperature up to 150 °C. Maximum ambient temperature 30 °C. Max. process pressure 200 bar. Not suitable for pressure measurement in steam. Outer thread G 1/4, inner thread G 1/2.	BEF-CE-G12G14-150C	5332155
	Cooling element, extension of the process temperature up to 200 ℓ. Maximum ambient temperature 30 °C. Max. process pressure 200 bar. Not suitable for pressure measurement in steam. Outer thread G 1/4, inner thread G 1/2.	BEF-CE-G12G14-200C	5336706

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