

AP305 Pressure sensor for pneumatics



Order by 2 pm - Shipping on the same working day

101,59 € offline price
107,50 €

Incl. 5.5% online discount for online orders

Overview

- 2x switching outputs; pressure as a process value via IO-Link
- Extremely small & lightweight pressure switch with LED display
- Convenient & quick installation: Push-in connector for pressure hoses, M8 connector for electrical wiring
- High protection rating of IP68 for industrial environments
- Manufactured to the highest quality standards - Made in Germany

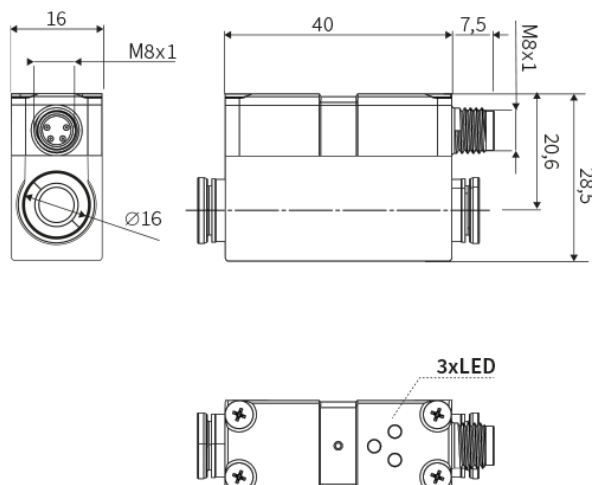
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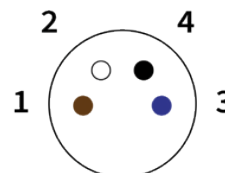
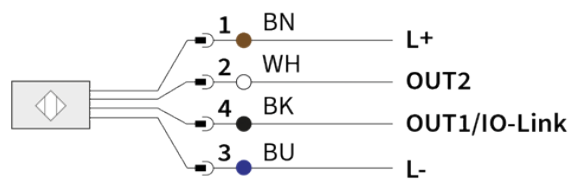
In daily use - proven millions of times over. Products from autosen are under highest quality requirements regarding robustness, insensitivity and reliability.

We offer 5 years warranty - with money-back guarantee!

Dimensional drawing



Connection & pin assignment



General information

Pressure measuring range min.	0 bar
Pressure measuring range max.	10 bar
Process connection	Push-In 6 mm

Outputs / inputs

Switching output	2 x normally closed / normally open programmable
IO-Link	Yes

Electrical data

Operating voltage	30 V DC
Voltage type	Direct voltage (DC)
Electrical design	PNP *IO-Link parameterisation
Current consumption max.	25mA
Short-circuit protection	Yes
Reverse polarity protection	Yes

Mechanical data

Material of housing	PBT PC
Electrical connection	M8 4-pin Contacts gold-plated

Accuracy

Max. Deviation at 25°C	± 1,5% FS*
Accuracy	± 0,5 % FS*
Comment	*FS: Fullscale

Ambient conditions

Ambient temperature min.	-10°C
Ambient temperature max.	60°C
Protection rating	IP68

Additional information

Function display	Switching status: LED, yellow Operation: LED, green
EMC test	DIN EN 61000-6-2 DIN EN 61000-6-4
Weight	0,020kg

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6/3/2025



Accessories: M8 sensor cable | 4-pin | PUR | IP67



AA062

Sensor cable M8 4P PUR 2m IP67

Unit price: 6,92 €*



AA060

Sensor cable M8 4P PUR 2m IP67

Unit price: 8,22 €*



AA061

Sensor cable M8 4P PUR 5m IP67

Unit price: 8,70 €*



AA063

Sensor cable M8 4P PUR 5m IP67

Unit price: 9,23 €*

Accessories: M8 sensor cable | 4-pin | PVC | IP67



AA072

Sensor cable M8 4P PVC 2m IP67

Unit price: 5,17 €*



AA074

Sensor cable M8 4P PVC 2m IP67

Unit price: 5,49 €*



AA073

Sensor cable M8 4P PVC 5m IP67

Unit price: 6,61 €*



AA075

Sensor cable M8 4P PVC 5m IP67

Unit price: 7,03 €*

Accessories: IO-Link



AD002

autosens:io

Unit price: 116,47 €*



AD001

IO-Link Master

Unit price: 274,64 €*



ADS01

IO-Link starter kit

Unit price: 299,00 €*



AD009

IO-Link IoT-Master

Unit price: 407,49 €*

Accessories: M8/M12 connection cable | 4-pol. | PUR | IP67



AA215

Connection cable M8/M12 4P
PUR 2m IP67

Unit price: 9,17 €*



AA216

Connection cable M8/M12 4P
PUR 5m IP67

Unit price: 13,09 €*

Accessories: M8/M12 connection cable | 4-pin | PUR | IP69K



AA208

Connection cable M8/M12 4P
PUR 2m IP69K

Unit price: 14,47 €*

Accessories: M8 sensor cable | 4-pin | PUR | IP69K



AA009

Sensor cable M8 4P PUR 2m
IP69K

Unit price: 9,84 €*



AA022

Sensor cable M8 4P PUR 10m
IP69K

Unit price: 14,23 €*



AA021

Sensor cable M8 4P PUR 10m
IP69K

Unit price: 14,23 €*



AA012

Sensor cable M8 4P PUR 5m
IP69K

Unit price: 11,52 €*



AA010

Sensor cable M8 4P PUR 5m
IP69K

Unit price: 11,52 €*



AA011

Sensor cable M8 4P PUR 2m
IP69K

Unit price: 9,84 €*

Accessories: M8 sensor cable | 4-pin | PVC | IP69K

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**AA030**

Sensor cable M8 4P PVC 10m
IP69K

Unit price: 15,72 €*

**AA016**

Sensor cable M8 4P PVC 5m
IP69K

Unit price: 13,03 €*

**AA015**

Sensor cable M8 4P PVC 2m
IP69K

Unit price: 10,99 €*

**AA029**

Sensor cable M8 4P PVC 10m
IP69K

Unit price: 15,72 €*

**AA014**

Sensor cable M8 4P PVC 5m
IP69K

Unit price: 13,03 €*

**AA013**

Sensor cable M8 4P PVC 2m
IP69K

Unit price: 10,99 €*

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