

DT98C686

Pressure sensors • Pressure transmitter

pressure transmitter, Ø26mm 90long, 0-400bar, 8-32V DC, G1/2 inch A, -40-85°C, 4-20mA, Plug-in connection M12 2pin, IP67, V4A, Front-flush membrane



Pressure sensors are suitable for measuring different media with high accuracy. They are available with switching output and/or analog output. Using PC software, the measured values can be recorded depending on the device type. These sensors can be used in all areas of e.g. pneumatic and hydraulic applications.

Electrical features

Response/decay time	10 ms
Type of analog output	4 - 20mA
Type of electrical connection	Connector M12
Short-circuit protection	Yes
Measuring range pressure	0 - 400 bar
Measurement method	Relative
Number of pins	2
Temperature drift over entire measuring range	0.75 %
Reverse polarity protection	Yes
Operating voltage (DC)	8 - 32 V
ardSOCA_ElektrischerAnschluss	M12 2-pin plug connector
ardSOCA_Betriebsspannung	8-32VDC

Mechanical features

Type of process connection	G1/2 inch A
Design	Cylinder plain
Bursting pressure	1250 bar
Diameter	26.5 mm
For liquid media	Yes
For pasty media	Yes
Thread length	20.5 mm
Thread pitch	1.81 mm
Length	90 mm
Max. operating pressure	400 bar
Medium temperature	-40 - 125 °C
Nominal pressure	400 bar
Degree of protection (IP)	IP67
Housing material	Stainless steel 1.4404
Sensing element material	Stainless steel 1.4435
Front-flush membrane	Yes
Ambient temperature	-40 - 85 °C
ardSOCA_Abmessungen	Ø26.5mm, 90mm long
ardTEME_WerkstoffDesProzessanschlusses	Stainless steel 1.4435
ardTEME_WerkstoffDerMesszelle	Stainless steel 1.4435

Other features

Measuring display	Relative
Relative measurement accuracy	0.5 %
ardTE00_Anwendungen	Hydraulik-Anwendungen

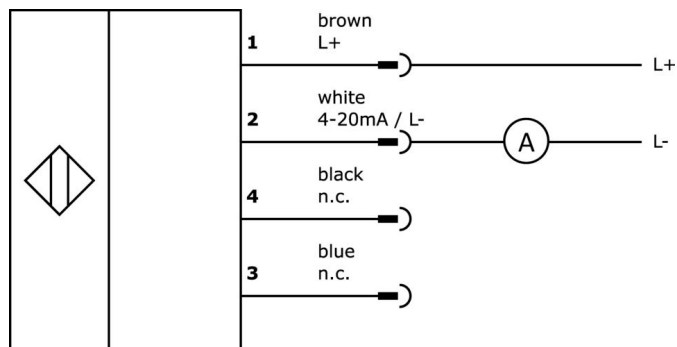
Classification

ETIM 8	EC000243 Pressure switch
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More

IPF Product Group	361 pressure sensors (diverse)
packaging dimensions	160 x 99 x 60 mm
gross weight	299 g
Customs tariff number	90262020
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



Extract accessories program

VK003021



Cable socket, Angular, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 60V, -25-90°C, M12 Female (socket) 5pin, IP67, PBT

VK003025



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 60V, -25-90°C, M12 Female (socket) 5pin, IP67, PBT

VK003020



Cable socket, angular, self-assembly, screw connection, Ø3-6.5mm, 4A, 240V, -25-90°C, M12 socket 4-pin, IP67, PBT

VK003024



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 240V, -25-90°C, M12 Female (socket) 4pin, IP67, PBT

You can find further accessories on our homepage



Installation

Mounting / installation may only be carried out by a qualified electrician!



Disposal

WEEE number according to § 6 para. 3 ElektroG: 40951076

Safety warnings

/ Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

/ Never use these devices in applications where the safety of a person depends on their functionality.