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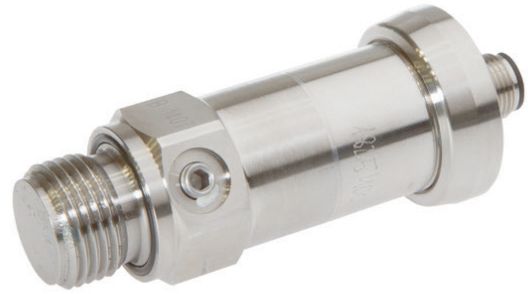
DT98C686
PRESSURE SENSORS • CONNECTION G1/2" OUTER

pressure transmitter, Ø26mm 90long, 0-400bar, 8-32V DC, G1/2 inch A, 8-32V DC, -40-85°C, 4-20mA, Plug-in connection M12 2pin, IP67, Stainless steel 1.4404, Front-flush membrane, CIP compatible, Compatible with foodstuff

MECHANICAL FEATURES

Ambient temperature	-40 °C ... 85 °C
Bursting pressure	1250 bar
CIP compatible	+
Degree of protection (IP)	IP67
Explosion-proof	-
For liquid media	+
For pasty media	+
Front-flush membrane	+
Housing design	Cylinder plain
Housing material	Stainless steel 1.4404
Max. operating pressure	400000 hPa
Max. operating pressure	400 bar
Medium temperature	-40 °C ... 125 °C
Nominal pressure	400 bar
Pressure transmitter	+
Sensing element material	Stainless steel 1.4435
Sensor diameter	26.5 mm
Sensor length	90 mm
Thread length	20.5 mm
Thread pitch	1.81 mm
Type of pressure connection	G1/2 inch A
With hand operation	-

ELECTRICAL FEATURES

Measurement method	Relative
Measuring range pressure	0 bar ... 400 bar
Number of pins	2
Operating voltage	8 V ... 32 V
Rated operating voltage Ue at DC	8 V ... 32 V
Relative measurement accuracy	0.5 %
Response time	10 ms
Reverse polarity protection	+
Short-circuit protection	+

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ELECTRICAL FEATURES

Suitable as 2-point control	-
Suitable as limiter	-
Suitable as monitor	-
Temperature drift	0.75 %
Type of analog output	4 mA ... 20 mA
Type of electrical connection	Plug-in connection M12
Voltage type	DC

OTHER FEATURES

Compatible with foodstuff	+
For hydraulic applications	+
Measuring display	Relative

Other

Packaging dimensions	99.0mm x 60mm x 160mm
Shipping weight	0.3kg
Tariff code	90262020

Classification

ipf product group	700
eClass 8.0	27371814
eClass 9.0	27371814
eClass 9.1	27371814
ETIM-5.0	EC000243
ETIM-6.0	EC000243
ETIM-7.0	EC000243

Connection
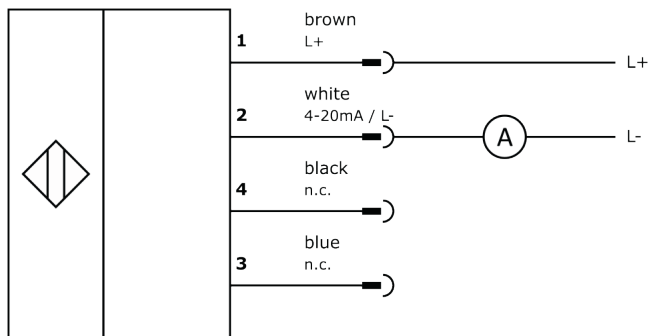
Dimensional drawing

Installation

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

Disposal

Software
Any software, drivers or IODD files that may be required to operate your device can be downloaded free of charge from our homepage: www.ipf-electronic.com

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.

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LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.

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