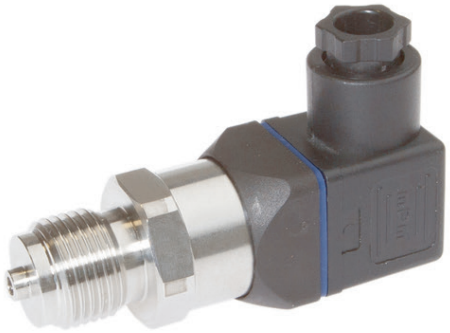
DT98E011

PRESSURE SENSORS • CONNECTION G1/2" OUTER

pressure transmitter, Ø29mm 81long, 0-400bar, 8-30V DC, G1/2 inch B, 8-30V DC, 4-20mA, Valve connector type A 2pin, IP65, Stainless steel 1.4404



MECHANICAL FEATURES

Ambient temperature (MAX)	80 °C
Bursting pressure	1600 bar
Degree of protection (IP)	IP65
Explosion-proof	-
For liquid media	+
Housing design	Cylinder plain
Housing material	Stainless steel 1.4404
Max. operating pressure	600000 hPa
Max. operating pressure	600 bar
Medium temperature	0 °C ... 80 °C
Nominal pressure	400 bar
Pressure transmitter	+
Sensing element material	Stainless steel 1.4404
Sensor diameter	29 mm
Sensor length	81 mm
Thread length	20 mm
Thread pitch	1.81 mm
Type of pressure connection	G1/2 inch B
With hand operation	-

ELECTRICAL FEATURES

Measurement method	Relative
Measuring range pressure	0 bar ... 400 bar
Number of pins	2
Operating voltage	8 V ... 30 V
Rated operating voltage Ue at DC	8 V ... 30 V
Relative linearity deviation	0.5 %
Relative measurement accuracy	0.3 %
Relative repeat accuracy	0.1 %
Response time	4 ms
Reverse polarity protection	+
Short-circuit protection	+
Suitable as 2-point control	-

ELECTRICAL FEATURES

Suitable as limiter	-
Suitable as monitor	-
Temperature drift	1 %
Type of analog output	4 mA ... 20 mA
Type of electrical connection	Valve connector type A
Voltage type	DC

OTHER FEATURES

For hydraulic applications	+
For pneumatic applications	+
Measuring display	Relative

Other

Packaging dimensions	99.0mm x 60mm x 160mm
Shipping weight	0.2kg
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.
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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