

DT98A465

PRESSURE SENSORS • CONNECTION G1/2" OUTER

pressure transmitter, Ø27mm 82long, 0-0.25bar, 14-30V DC, G1/2 inch B, 14-30V DC, 0-10V, Valve connector type A 3pin, IP65, Chromium-nickel steel, Compatible with foodstuff



MECHANICAL FEATURES

Ambient temperature	-20 °C ... 80 °C
Bursting pressure	2.4 bar
Degree of protection (IP)	IP65
Explosion-proof	-
For gaseous media	+
For liquid media	+
Housing design	Cylinder plain
Housing material	Chromium-nickel steel
Max. operating pressure	2000 hPa
Max. operating pressure	2 bar
Medium temperature	-30 °C ... 100 °C
Nominal pressure	0.25 bar
Pressure transmitter	+
Sensing element material	Chromium-nickel steel
Sensor diameter	27 mm
Sensor length	82 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	Absolute
Measuring range pressure	0 bar ... 0.25 bar
Number of pins	3
Operating voltage	14 V ... 30 V
Rated operating voltage Ue at DC	14 V ... 30 V
Relative linearity deviation	0.25 %
Relative measurement accuracy	0.25 %
Response time	2 ms
Reverse polarity protection	+
Setting procedure	Manual adjustment
Short-circuit protection	+

ELECTRICAL FEATURES

Suitable as 2-point control	-
Suitable as limiter	-
Suitable as monitor	-
Temperature drift	0.25 %
Type of analog output	0 V ... 10 V
Type of electrical connection	Valve connector type A
Voltage type	DC

OTHER FEATURES

Compatible with foodstuff	+
For hydraulic applications	+
For pneumatic applications	+
Measuring display	Absolute

Other

Packaging dimensions	99.0mm x 60mm x 160mm
Shipping weight	0.22kg
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.