

## DT98C744

### PRESSURE SENSORS • CONNECTION G1/2" OUTER

pressure transmitter, Ø29mm 53long, 0-10bar, 8-30V DC, G1/2 inch B, 8-30V DC, 4-20mA, Plug-in connection M12 2pin, IP67, Stainless steel 1.4404



#### MECHANICAL FEATURES

Ambient temperature (MAX)	80 °C
Bursting pressure	40 bar
Degree of protection (IP)	IP67
Explosion-proof	-
For gaseous media	+
For liquid media	+
Housing design	Cylinder plain
Housing material	Stainless steel 1.4404
Max. operating pressure	20000 hPa
Max. operating pressure	20 bar
Medium temperature	0 °C ... 80 °C
Nominal pressure	10 bar
Pressure transmitter	+
Sensing element material	Stainless steel 1.4404
Sensor diameter	29 mm
Sensor length	53 mm
Thread length	14 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 ... 10 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
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	Plug-in connection M12
Voltage type	DC

## OTHER FEATURES

For hydraulic applications	+
For pneumatic applications	+
Measuring display	Relative

## Other

Packaging dimensions	43.0mm x 43.0mm x 105.0mm
Shipping weight	0.13kg
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](http://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.