TECHNICAL DATA

PTF series pressure transducer

FOZMULA
INNOVATION IN SENSORS

The **Model PTF** series of high quality pressure transducers has been designed for use in many types of industrial and motorsport applications.

Engineered to provide maximum stability and durability, the pressure ranges up to 35 Bar use Ceramic Thick Film technology whilst the higher ranges utilise a Poly Silicon sensing element.

SPECIFICATION

Electrical:

Supply voltage:	5Vdc or 10-32Vdc
Current consumption:	<10mA
Connections:	4 way Delphi Packard Metripac connector or 600mm cable
Output signal:	0.5 - 4.5V ratiometric, 0 - 5Vdc or 4-20mA. Other voltages and mA outputs are available on request.
Accuracy:	±0.5% FS
Stability:	±0.1%

Environmental Ratings:

Temperature - operating:	-40ºC to +125ºC (-40ºF to +260ºF)
- compensated:	0 - 85ºC (32ºF to +186ºF)
Sealing:	IP67
Weight:	~50g (2 oz)

Pressure ratings:

5, 10, 16, 25, 40, 60, 100 & 160 Bar gauge. Other ranges are available on request.

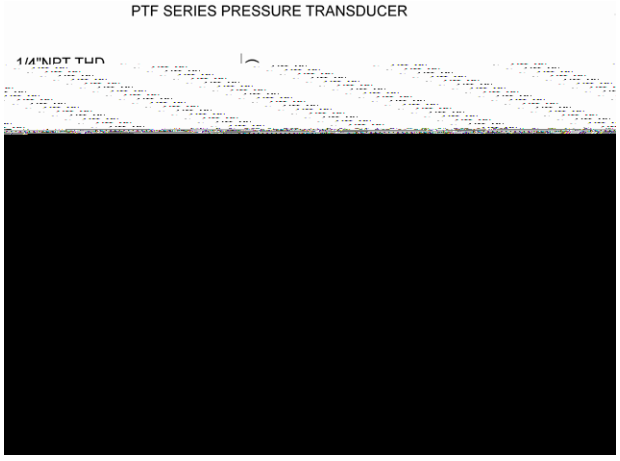
Construction:

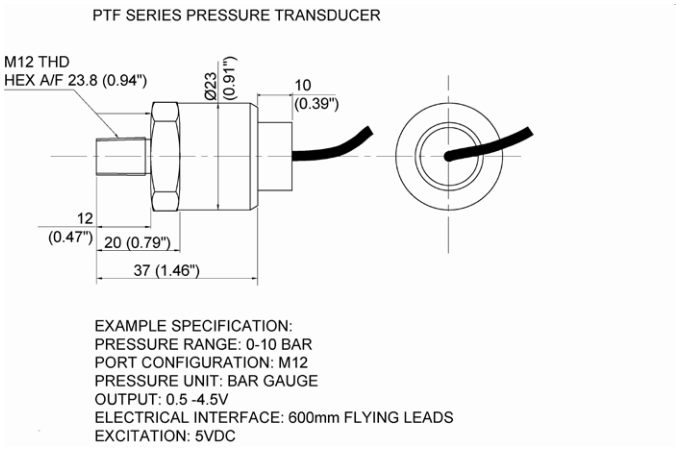
Body:	316 Stainless steel
Connector:	30% glass filled Nylon 6

Mechanical data:

Thread sizes:	Typically 1/8" NPT, G1/4"Male, 1/4"NPT Male, 7/16"UNF, 9/16UNF, M10, M12 & M14. Other sizes are available on request
Overrange pressure:	2x rated pressure
Burst pressure:	5x rated pressure
Pressure cycles:	>10 million

For ordering information please see overleaf.





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