

Absolute Pressure Sensor PSC-250

A M10 x 1 sensor for various fluid pressure measurements. The sensor range covers pressure measurement from 0 to 250 bar. It is manufactured in a DR-25 sleeve, various connector options are available. Gauge and absolute pressure sensors are available.



Mechanical data	
Measurement transducer	piezoresistive
Max. pressure	500 bar
Thread	M10 x 1
Tightening torque	10 Nm
Wrench size	17 mm
Weight	70 g
Sealing	O-ring 7,65 x 1,63

Conditions for use	
Temperature range	-40 ... 125 °C
Max. vibration	15 g/30 ... 200 Hz

Characteristic	
Sensitivity	16 mV/bar
Offset	500 mV

Electrical data	
Power supply	8 ... 16 V
Compensated range	25 ... 85 °C
Current supply	8 ... 16 mA
Non linearity	1 %
Therm. zero point drift	< 1 %
Therm. sensitivity drift	< 1 %
Long time drift	< 1 %
Full scale output	0,5 ... 4,5 V
Time of reaction	1 ms (90 %)

Part numbers	
KPTC 6E8-4P-C-DN	B 261 209 066
KPTA 6E6-4P-C-DN	B 261 209 076
AS 6-08-98PN	B 261 209 078

