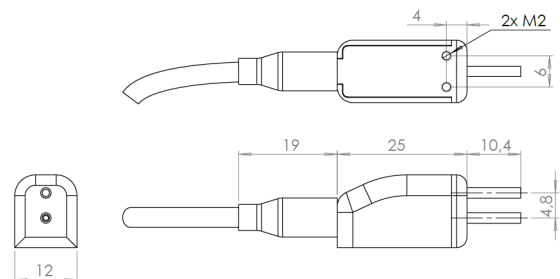


DPS-L

Minature Differential Pressure Sensor

Range	-190 to +190 mbar
Accuracy: Unidirectional	2% FS
Bidirectional	1 % FS
Offset: Unidirectional	0.5 ± 0.1 V
Bidirectional	2.5 ± 0.1 V
Sensitivity: Unidirectional	4 V/FS
Bidirectional	2 V/FS
Offset Drift (0 to 80°C)	20 mV
Sensitivity Drift (0 to 80°C)	1 % FS
Calibrator	Mensor CPC 4000
Supply Voltage	5 to 16 V
Supply Current	2 mA
Output Voltage	0-5 V
Output Impedance	47 Ω
Dimension	57 x 12 x 14 mm
Weight	22 g
Material	Aluminium
Protection	IP64
Proof Pressure	15xFS
Vibration test	20 Gpp 5'
Shock	500 G
Operating Temperature	0 to 85°C
Storage Temperature	-20 to +125°C

Range	At 0,5V	At 2,5V	At 4,5V	sensitivity
Mbar-Mode	mbar	mbar	mbar	mV/mbar
50-U	0	25	50	80,00
50-B	-50	0	50	40,00
70-U	0	35	70	57,14
70-B	-70	0	70	28,57
76-U	0	38	76	52,63
76-B	-76	0	76	26,32
100-U	0	50	100	40,00
100-B	-100	0	100	20,00
190-U	0	95	190	21,05
190-B	-190	0	190	10,53



Ordering ref:
DPS-L-Range-Mode

50: 50mbar
70: 70mbar
76: 76mbar
100: 100mbar
190: 190mbar

U: Unidirectional
B: Bidirectional

Ex: DPS-L-76-B

1 M cable of 3x26AWG FEP
tinned copper braided cable 250V 200°C

Red : Supply
White : Signal
Blue (or Black) : 0 V
Braid : Connected to base