

4xPDIF-S

4-Channel differential pressure sensor for CAN Bus with scanivalve connectors

Range +/- 50 to +/- 1000 mBars
+/- 0.7 to +/- 15 PSI

Sensitive element Piezo resistive Cells
Accuracy at FS +/- 0.5 % FS
Non linearity/ Hysteresis +/- 0.7 % FS
Offset Drift +/- 0.5 % FS
Sensitivity drift 0.5 %
Sampling Frequency SF 200 Hz

CAN bus 2.0A or B 120 Ω, not installed (on demand)
Output data 2 bytes per channel (signed int)

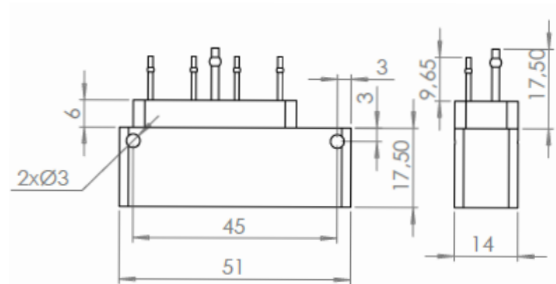
Unit 1 mPSI / bit
0.1 mBar / bit

Baud rate 125 k to 1 Mbps
Data frequency 1 to 200 Hz or on trigger

Supply voltage 6 to 16 V
Supply current 30 mA

Dimension 51 x 35 x 14 mm
Material Aluminium
Weight 25 g
Vibration test 200 Gpp 5'
Shock 500 G

Operating temp +5 to +85 °C
Storage temp -40 to +124 °C



Ordering ref.:

4xPDIF-S-CAN-1- Range[mbar]- diameter-Option

Range 50 : ±50mBar
 350 : ±350mBar
 1000 : ±1000mBar
 Diameter 40 : Pressuretubediameter 0.40
 63 : Pressuretubediameter 0.63
 Option N : None
 Z : Auto-Zero

Ex: 4xPDIF-S-CAN-1-350-63-N

1 m cable of 4 X 26AWG FEP
 tinned copper braided cable 250 V 200°C

Colour	Function	Pin
Red	Supply	
Black	0V	
Green	CAN High	
White	CAN Low	
Yellow	Do not connect and isolate	
Braid		