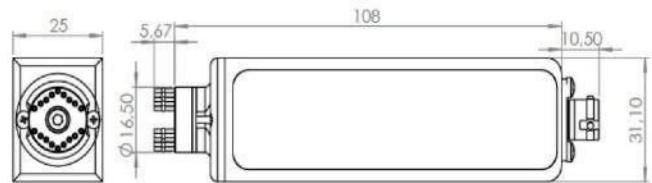




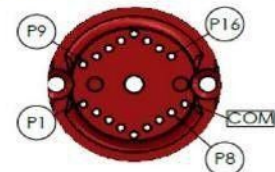
16xPDIF-R

16-Channel differential pressure sensor for CAN Bus

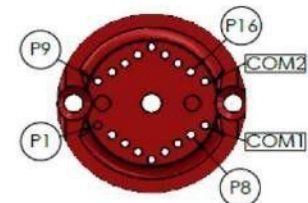
Range	± 50 to ± 1000 mBar ± 0.7 to ± 15 Psi
Sensitive element	Piezzo resistive cells
Accuracy at FS	± 0.5 % FS
Non linearity/Hysteresis	± 0.7 % FS
Offset drift	± 0.5 % FS
Sensitivity drift	0.5 %
Sampling Frequency SF	200 Hz
CAN bus 2.0A or B	120 Ω , not installed (on demand)
Output data	Calibrated pressure : 2 bytes per channel (signed int)
Unit	1 mPSI/bit
Baud rate	125k to 1 Mbps
Data frequency	1 to 200 Hz or on trigger
Supply voltage	6 to 16V
Supply current	30 mA
Dimension	100x28x14 mm
Material	Aluminium
Weight	95 g
Vibration test	20Gpp 5'
Shock	500 G
Operating temp	5 to +85 °C
Storage temp	-40 to +125 °C



Manifold 1x16 channel



Manifold 2x8 channel



Ordering reference:

16xPDIF-R - range - option

50: ± 50 mB
350: ± 350 mB
1000: ± 1 B
N: none
Z: auto-Zero

This sensor withstands high humidity. Avoid water entering in the tube as well as condensation, it may block the pressure.
Do not blow into the tubes with the mouth or a compressed air line

PIN	Function
1	Supply
2	0 V
3	CAN Low
4	CAN High
5	Reserved, do not connect
6	Reserved, do not connect

Connector : 8STA00406PN
Mating connector : 8STA60406SN