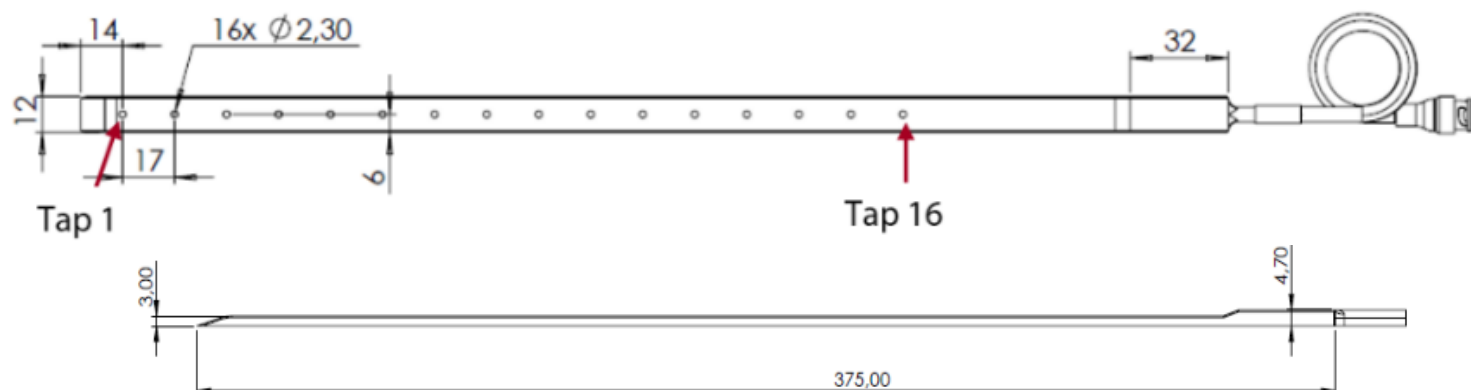


## APASS-16-CAN

16-Tap CAN Absolute Pressure Aero Skin Sensor

Voltage supply	8 - 36	V
Consumption	42	mA
Number of Pressure taps	16	
Box protection	IP67	
Weight (without cable)	20	g
Distance between Pressure taps	17	mm
Minimum bending radius	40	mm
Measurement range	260 - 1260	mBar
Absolute accuracy @ 25°C/65°C	± 0.5	mBar
Absolute accuracy @ 0°C/65°C	± 1	mBar
Relative accuracy @ 25°C	± 0.025	mBar
Resolution	0.00025	mBar
RMS noise	0.007	mBar
Digital resolution of Pressure	24 bits	
Configurable frequency	1, 10, 25, 50, 100, 140	Hz
Number of Temperature taps	8 with CAN mode 16 with FDCAN mode	
Operating Temperature	-25 to +85	°C
Absolute accuracy	0.5	°C
Digital resolution of Temperature	16 bits	
Configurable frequency	1, 10, 25, 50, 100, 140	Hz
Suggested mounting methods	Double side tape adhesive (3M 926, 12x0.13mm, 16,3 N/cm or 3M 9087, 12x0.26mm, 5.2N/cm)	

Texense sensors are designed for data logging. Should the users want to include this sensor in a closed loop system, they must undertake total responsibility from doing so.



Setup parameters		
CAN Type	CAN 2.0A	-
Baudrate	1	Mbps
Data Baudrate	1	Mbps
Frequency	25	Hz
Integration	1	Sample
Rx trig ID	7F0	Hex
Tx0 ID	3F0	Hex
Offset adjustment	Enabled	-

Cable	
4x26 AWG FEP tinned copper braided cable 250V 200°C Length: 1000mm      Tubing: 50mm Connector: on request	
Color	Function
Red	Supply input
Black	0V
White	CAN low
Green	CAN high

### Mechanical drawing