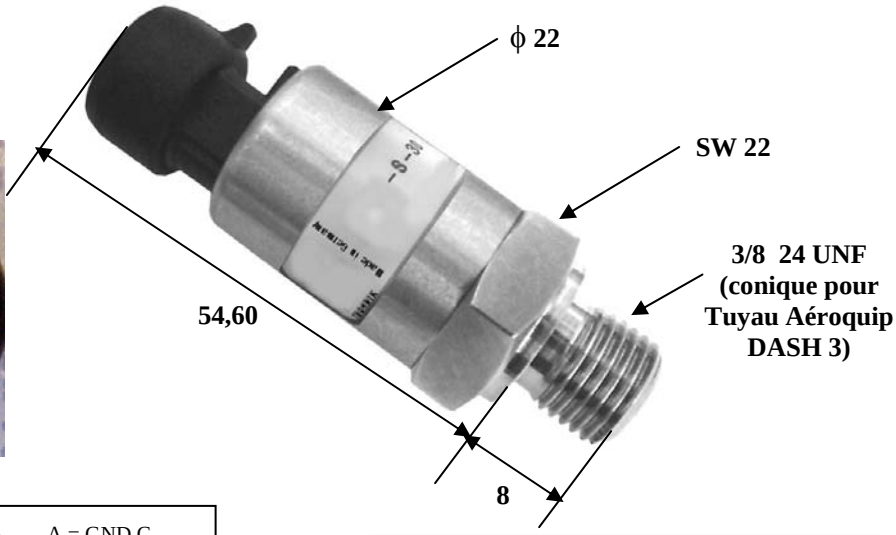
Capteur Pression
200b – 3/8 24 UNF
10b – 3/8 24 UNF



PIN-OUT :

côté Fils

A = GND C
B = +5V C
C = Signal

CONNECTEUR : (fourniture possible)
Delphi 153-972-75 3F GT150.

Documentation technique :

Parameter	Min	Typ	Max	Unit	Remarks
Pressure range	0		10	bar	
Pressure type		gage			
Span		4,00		Volt	2, 3
Output at FS **- Sortie pleine échelle -**		**4.50**		Volt	2, 3
Zero output **- Sortie niveau bas -**		**0,50**		Volt	2, 3
Total error(- 40°C to 125°C)		<1.0	2.5	%FS	4
Response time		1	2,0	msec	5
Power supply (Vs)	4,75	5,0	5,25	Volt	6
Current supply		7,5	13	mA	
Load resistor		4.64		KΩ	
Load capacitor			0.1	µF	
Output resistivity			10	Ω	
Output source current	1,1			mA	7
Output sink current	0,1			mA	7
Output ratiometricity	0,9		1,1	%	3, 8
Output Noise			5	mV rms	
Isolation resistivity to case	100			MΩ	9
Over pressure			2,0 *		
Burst pressure	3,0 *				
Operating temperature	-40		125	°C	14
Storage temperature	-40		150	°C	
Weight		ca. 50	gram		
Mounting direction			all directions		

Remarks:

1. All parameter guarantied for specified conditions.
2. Output is calibrated at zero and full scale.
3. The output is ratiometric to the supply voltage (Vs).
4. Total accuracy includes non- linearity, hysteresis, repeatability and temperature effects.(New parts, max. drift per 0,1%FS). Compensated range.
6. the max. supply voltage with sensor operating is 6 Volt.(switch off app. 6,2Volt)
7. The output is short protected to Vs and GND at 5V. Over voltage and reverse protection is given for max. 32Volt, max. 90°C for 30 min.
9. Measured between case and pin (50 VDC for one minute)
11. Piezorestive principle, calibrated using mixed signal ASIC, no potentiometer, no laser trimming.
12. Mounting force max. 25Nm.

XAP Electronique - Le Mercure Bat A – 1 740 Av du Maréchal Juin– 30900 Nîmes - France
Tél : +33 466 02 94 94 - Fax : +33 466 02 94 90 – http://www.xap.fr
SARL 78 000€ - RCS : Nîmes B 408 338 762 - TVA Intra : FR00 408 338 762