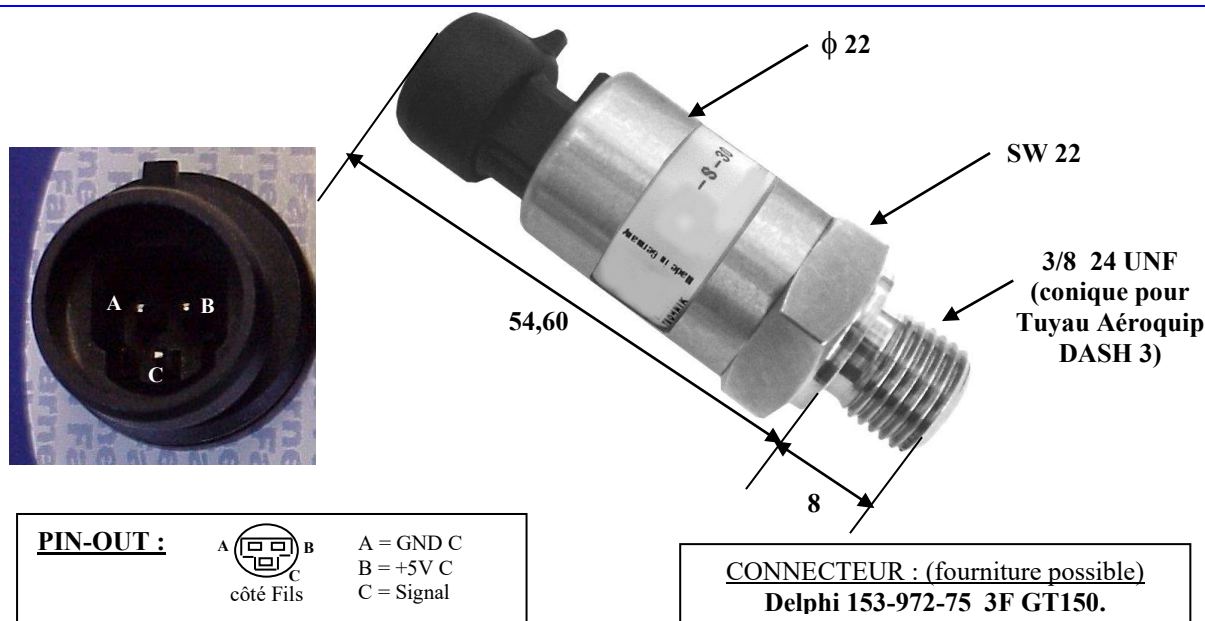




Documentation technique :

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:

- All parameter guarantied for specified conditions.
- Output is calibrated at zero and full scale.
- The output is ratiometric to the supply voltage (Vs).
- Total accuracy includes non- linearity, hysteresis, repeatability and temperature effects.(New parts, max. drift per 0,1%FS). Compensated range.
- the max. supply voltage with sensor operating is 6 Volt.(switch off app. 6,2Volt)
- 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.
- Measured between case and pin (50 VDC for one minute)
- Piezoresistive principle, calibrated using mixed signal ASIC, no potentiometer, no laser trimming.
- Mounting force max. 25Nm.

XAP Technology

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