

TP1/3/4

- PRESSURE TRANSMITTERS FOR INDUSTRIAL USE
- CERAMIC/PIEZORESISTIVE SENSOR
- VERSION WITH DISPLAY

FEATURES

DISPLAY	TP1	TP3	TP4
LCD	--	--	Optional
Indication	--	--	With digital display and buttons for local configuration

GENERAL			
Operating pressure range	Between 0... 0.1 bar and 0... 1000 bar Vacuum version : Between -0.5... 0 bar and -y... x bar (special calibrations available on request)		
Pressure measurement	Absolute, relative, vacuum		
Output	4...20mA two-wire technology, 21.5 mA max.		
Process connection thread	1/4" G, 1/4" NPT, 3/8" G, 1/2" G, 1/2" NPT (Others on request)	1/4" G, 1/4" NPT, 3/8" G, 1/2" G, 1/2" NPT, flange Ø79, others on request (ceramic sensor); 1/4" G, 1/4" NPT, 3/8" G, 1/2" G, 1/2" NPT, 1/2" G sep. M44, 1/2" NPT sep. M44, 1/2" G sep. M75, 1/2" NPT sep. M75, 1/2" G flush diaphragm, 1" G flush diaphragm, 1"1/2 G flush diaphragm, 2" G flush diaphragm, DIN nut DN 25, DIN nut DN 40, DIN nut DN 50 Triclamp 1"1/2, Triclamp 2", Triclamp 2"1/2, Flange S0, Flange Ø 79, others on request (piezoelectric sensor)	1/2" G, 1/2" NPT, flange Ø79, others on request (ceramic sensor); 1/2" G, 1/2" NPT, 1/2" G sep. M44, 1/2" NPT sep. M44, 1/2" G sep. M75, 1/2" NPT sep. M75, 1/2" G flush diaphragm, 1" G flush diaphragm, 1"1/2 G flush diaphragm, 2" G flush diaphragm, DIN nut DN 25, DIN nut DN 40, DIN nut DN 50, Triclamp 1"1/2, Triclamp 2", Triclamp 2"1/2, flange S0, flange Ø 79, others on request (piezoelectric sensor)
Power supply	10...30 Vdc	12...40 Vdc	12...35 Vdc
Protection	Against reversed polarity		
MECHANICAL			
Case	Steel	Painted aluminum	Stainless Steel AISI 316
Operating temperature / humidity	-40...80°C / 0... 98% UR		
Degree of protection	IP65/67		IP67
ATEX certification	--	--	Available



HOW TO ORDER

To compose the part number, pls. choose one of the option for each variable, considerando la disponibilità dell'opzione qui sotto riportata:

DESCRIPTIONS	CODE	TP1		TP3		TP4	
CABLE LENGHT		CERAMIC	PIEZO	CERAMIC	PIEZO	CERAMIC	PIEZO
Without cable	0						
1 m (remote electronic board)	1			•			
2 m (remote electronic board)	2						
5 m (remote electronic board)	5						
10 m (remote electronic board)	A						
PROCESS CONNECTION							
1/4" G/BSP/PF-M	F10	•	•				
1/4" NPT-M	F11	•	•				
3/8" G-M	F12						
1/2" G/BSP/PF-M	F13						
1/2" NPT-M	F14						
1/2" G-M (diaphragm M44)	F43		•		•		•
1/2" NPT-M (diaphragm M44)	F44		•		•		•
1/2" G-M (flush diaphragm)	FM3		•		•		•
1" G-M (flush diaphragm)	FM5						
1 1/2" G-M (flush diaphragm)	FM6		•		•		•
2" G-M (flush diaphragm)	FM7		•		•		•
DIN nut DN 25	GD2		•		•		•
DIN nut DN 40	GD4		•		•		•
DIN nut DN 50	GD5		•		•		•
Triclamp 1 1/2" diaphragm Ø 26	TC6		•		•		•
Triclamp 2"	TC7		•		•		•
Triclamp 2 1/2"	TC8		•		•		•
Flange S0	FS6		•		•		•
Flange Ø 79mm	FL8						
Special	SPx						
PRESSURE							
Relative	R						
Absolute	A						
Vacuum	V						
RANGE							
Value to be specified	xxxx						
OPTIONS							
None	---						
Intrinsecal safety Eex ia IIC T5/T6 (PTB)	ATX						
Display	D--						
Tinned extension for high temperature 190°C	-HT						
Extension (-HT) + straight connector M12	HTC						
Extension (-HT) + cooling siphon (R18)	HTR						
Impregnated execution	IMP						
Inverted output signal	INV						
Welded version	--N						
Cooling siphon L=180mm. AISI316	R18		•				
Connection 1/4 NPT damper+wreath+bracket	SMZ						
Special calibration + intrinsecal safety	TSA						
Special calibration + impregnated execution	TSI						
Special calibration + welded version	TSO						
Special calibration + cooling siphon (R18)	TSR						
Special calibration	TSS						
Special calibration + extension (-HT)	TST						
Output 0...10 V (*)	-V9						