

## TPX INTRINSICALLY SAFE PRESSURE TRANSMITTER

TPX is a compact sensor with built-in electronic amplified and watertight membrane. Intrinsically safe Ex II 1 / 2G EEx ia IIC T4 - TUV 02 ATEX 1953X. Use in general industrial pressure measurement. Typical applications in the field of mechanical engineering, plant engineering, automation pneumatic-hydraulic, refrigeration and air conditioning. Stainless steel 1.4571 /S.S. 316Ti standard wetted parts material. Standard 4 ... 20 mA (2-wire) electrical outputs. DIN 43 650 electrical connection, IP 65 standard.



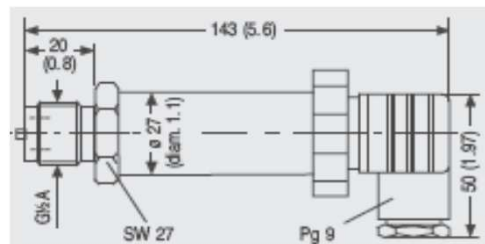
### DESCRIPTION

**TPX1202 - 1/2" Gas Male - S.S.316 - IP65 - ACCURACY +/-0.25% FS**

range mbar	0...100	0...160	0...250	0...400	0...600		
range bar	0...1	0...1.6	0...2.5	0...4	0...6	0...10	0...16
	0...25	0...40	0...60	0...100	0...160	0...250	0...400

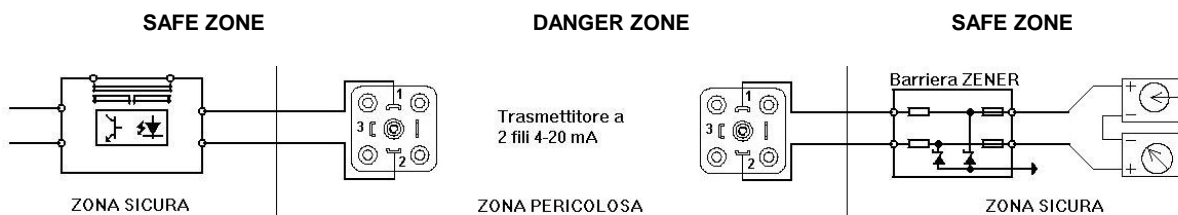
### TECHNICAL SPECIFICATIONS

Process connection:	G1/2"A (class 0.25)
Power supply:	10...36 Vdc
Response time:	< 0.1 s
Accuracy:	< 0.25 % f.s.
Operating temperature:	-30...+120°C
Optional accessories:	galvanic isolation, intrinsically safe



### INTRINSICALLY SAFE GALVANIC ISOLATION

ZENER barrier for electrical isolation. Explosion protection II / 1G (Ex ia) IIC. Used to interface a sensor within risk areas with remote devices, located in safe areas. Input / Output standard signal: 4 ... 20 mA. External power supply: 12 ... 30 Vdc. Mounting: panel mounting on DIN rail. Protection: IP20. Ambient temperature: -20...+55°C.



**SATEMA**

13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: [info@satema.it](mailto:info@satema.it) <http://www.satema.it>