

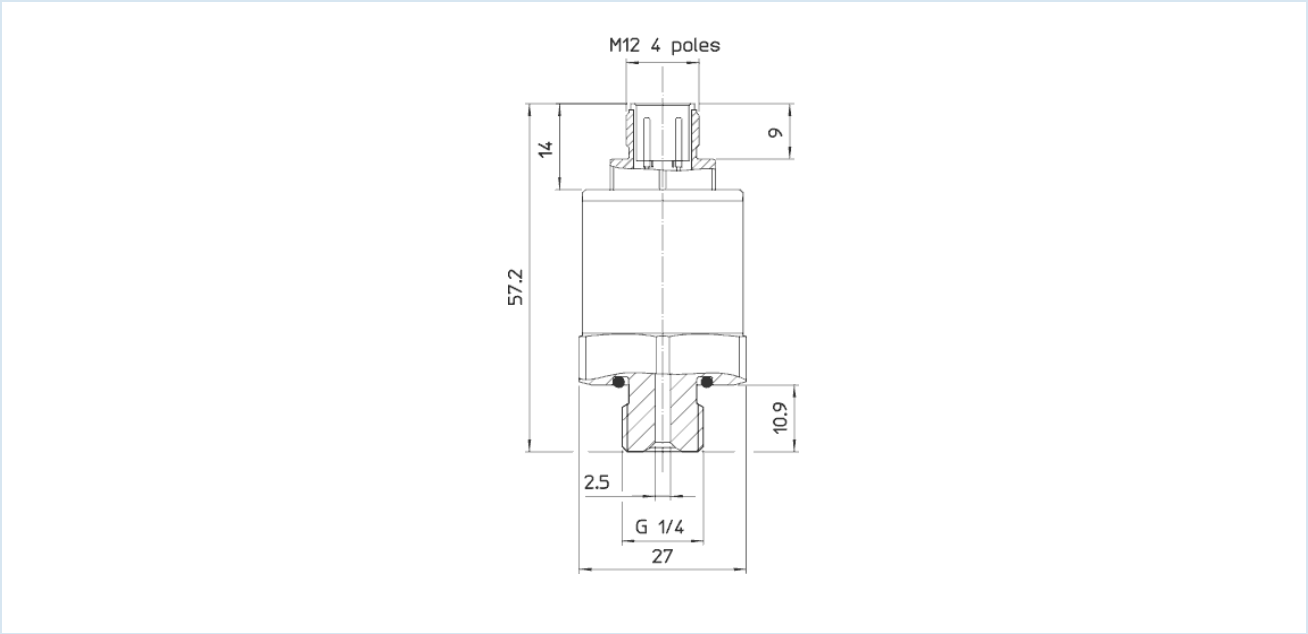
Pressure transmitter Type PT01



Design type	Pressure transmitter for general industrial applications
Connection	G1/4"
Materials	Pressure port Stainless steel 1.4404, Pressure sensor Ceramic, Stainless steel transmitter housing 1.4404, Seals FKM
Application range	gaseous and liquid media that do not attack the materials used
Medium temperature	-25...+125°C
Ambient temperature	-25...+125°C
Mounting position	any
Measuring range	see Table
Accuracy	±1.0% the Clamping range at +25°C ±2.4% the Clamping range at 0...+85°C ±3.7% the Clamping range at -10...+105°C ±4.0% the Clamping range at -25...+125°C
Overload capacity	see Table
Power supply	9...35VDC
Current consumption	Signal current, max. 25mA
Output signal	analog, Current (2-wire) 4...20mA (0...10VDC on request)
Burden	$\leq ((\text{Power supply} - 7,5\text{V}) / 0,03\text{A}) \Omega$
electrical connection	M12x1
Degree of protection	IP67 according to EN 60529 with properly mounted device socket (dust-tight and protection against temporary immersion up to 1 m)
Scope of delivery	Pressure transmitter without connection cable



Dimensions



Connection	Measuring range [bar]	Overload capacity [bar]	Type
G1/4"	0...2	4	PT01-14V-002-420
G1/4"	0...5	10	PT01-14V-005-420
G1/4"	0...10	20	PT01-14V-010-420
G1/4"	0...16	40	PT01-14V-016-420
G1/4"	0...20	40	PT01-14V-020-420
G1/4"	0...50	100	PT01-14V-050-420
G1/4"	0...100	150	PT01-14V-100-420
G1/4"	0...200	300	PT01-14V-200-420
G1/4"	0...400	500	PT01-14V-400-420

Electrical connections

Socket M12x1 including cable 2m Type C012-41-CU20-9	
V+ ... + Supply voltage pole V- ... - Supply voltage pole Rshunt ... Burden resistance	1 ... brown V+ 2 ... not assigned 3 ... not assigned 4 ... black V-

Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Pressure switches, measuring instruments and flow monitors / Pressure transmitter / Pressure transmitter Series PT01