

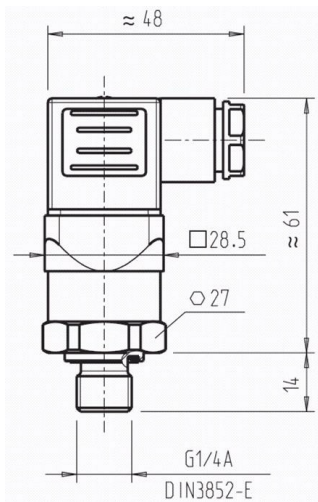
Pressure transmitter G1/4" Series PT02



Design type	Pressure transmitter for general industrial applications with connector according to EN175301-803 Form A
Connection	G1/4" DIN 3852-E
Materials	Pressure connection stainless steel AISI316L, Pressure sensor stainless steel AISI316L, Housing transmitter stainless steel AISI316L, connector PA66, Seals NBR
Mounting position	any
Measuring range	see Table Dimensions and type designation
Accuracy	$\leq \pm 1\%$ the clamping range
Overload capacity	2-fold measuring range final value, see Table Dimensions and type designation
Medium temperature	0...+80°C
Ambient temperature	0...+80°C
Power supply	8VDC ... 30VDC
Current consumption	Signal current, max. 25mA
Output signal	analog, Current (2-wire) 4mA ... 20mA
Burden	$(\leq (\text{Power supply} - 8\text{V}) / 0,02\text{A}) \Omega$
Degree of protection	IP65 according to EN 60529 with correctly installed cable entry (protection against dust ingress and splashing water)
Cable cross-section	max. 1,5mm ²
Cable diameter	6...8mm
Application range	gaseous and liquid media that do not attack the materials used
Weight	approx. 80g
Scope of delivery	Pressure transmitter including device socket according to EN175301-803 Form A
Special version	Temperature range -30...+100°C, Seal FKM



Dimensions and Type designation



Connection	Measuring range [bar]	Overload capacity [bar]	Type
G1/4"	0 ... 1	2	PT02-14N-001-420
G1/4"	0 ... 1,6	3,2	PT02-14N-1,6-420
G1/4"	0 ... 2,5	5	PT02-14N-2,5-420
G1/4"	0 ... 4	8	PT02-14N-004-420
G1/4"	0 ... 6	12	PT02-14N-010-420
G1/4"	0 ... 10 ¹⁾	20	PT02-14N-010-420
G1/4"	0 ... 16 ¹⁾	32	PT02-14N-016-420
G1/4"	0 ... 25 ¹⁾	50	PT02-14N-025-420
G1/4"	0 ... 40	80	PT02-14N-040-420
G1/4"	0 ... 60	120	PT02-14N-060-420
G1/4"	0 ... 100	200	PT02-14N-100-420
G1/4"	0 ... 160	320	PT02-14N-160-420
G1/4"	0 ... 250	500	PT02-14N-250-420
G1/4"	0 ... 400	800	PT02-14N-400-420
G1/4"	0 ... 600	1200	PT02-14N-600-420

¹⁾ If the medium measured is water, an increased overload pressure limit is recommended.

Electrical connections



1 = L+, 2 = L-, 3 = Not used

Illustrations non-binding
Design, dimensional and material changes reserved