



# 17.600 G

OEM Pressure Transmitter

Technical Data

Materials				
Pressure port	stainless steel 1.4571 (316Ti)			
Housing	stainless steel 1.4301 (304)			
Seal of pressure port	FKM: G 1/4" DIN 3852	others on request		
Seal of sensor	none (welded)			
Diaphragm	stainless steel 1.4542 (630)			
Media wetted parts	pressure port, seal of pressure port, diaphragm			
Miscellaneous				
Weight	approx. 120 g			
Current consumption	2-wire: max. 25 mA	3-wire ratiometric: typ. 3 mA		
	3-wire voltage: max. 7 mA (short circuit current: max. 20 mA)			
Operational life	> 100 x 10 <sup>6</sup> pressure cycles			
CE-conformity	EMC Directive: 2004/108/EC	Pressure Equipment Directive: 97/23/EC (module A) <sup>2</sup>		
<sup>2</sup> This directive is only valid for devices with maximum permissible overpressure > 200 bar				
Wiring diagrams				
2-wire-system (current) 		3-wire-system (voltage) 		
Pin configuration				
Electrical connection	ISO 4400	Micro (contact distance 9.4 mm)	M12x1 (4-pin), plastic	cable colour (DIN 47100)
Supply +	1	1	1	wh (white)
Supply -	2	2	2	bn (brown)
Signal + (for 3-wire)	3	3	3	gn (green)
Shield	ground pin	ground pin	4	ye/gn (yellow / green)
Electrical connections (dimensions in mm)				
<sup>3</sup> standard: 2 m PVC cable without ventilation tube (permissible temperature: -5 ... 70 °C)				
<sup>4</sup> different cable types and lengths available, permissible temperature depends on kind of cable				
Mechanical connection (dimensions in mm)				

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