

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)			
Long term stability	$\leq \pm 0.3\%$ FSO / year			
Operational life	$> 100 \times 10^6$ pressure cycles			
CE-conformity	EMC Directive: 2004/108/EC		Pressure Equipment Directive: 97/23/EC (module A) ²	
² 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)				
³ standard: 2 m PVC cable without ventilation tube (permissible temperature: -5 ... 70 °C)				
⁴ different cable types and lengths available, permissible temperature depends on kind of cable				
Mechanical connection (dimensions in mm)				

This data sheet contains product specification, properties are not guaranteed. Subject to change without notice.

Ordering code 17.600 G

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Input	[bar]																	
	6	6	0	0	1													
	10	1	0	0	2													
	16	1	6	0	2													
	25	2	5	0	2													
	40	4	0	0	2													
	60	6	0	0	2													
	100	1	0	0	3													
	160	1	6	0	3													
	250	2	5	0	3													
	400	4	0	0	3													
	600	6	0	0	3													
	customer	9	9	9														consult
Pressure																		
	gauge				R													
Output																		
	4 ... 20 mA / 2-wire																	1
	0 ... 10 V / 3-wire																	3
	0.5 ... 4.5 V / 3-wire ratiometric																	R
Accuracy																		
	0.5 % FSO																	5
	customer																	9
Electrical connection																		
	Male and female plug ISO 4400																	1
	Male and female plug Micro																	C
	Male plug M12x1 (4-pin), plastic																	M
	Cable outlet with PVC-cable ¹																	T
	customer																	9
Mechanical connection / Seal																		
	G1/4" DIN 3852 / on pressure port: FKM																	3
	G1/4" EN 837 / without																	4
	1/4" NPT / without																	N
	G1/2" EN 837 / without																	2
	customer																	9
Special version																		
	standard																	0
	oxygen application ²																	0
	oil and grease free																	0
	customer																	9

¹ standard: 2 m PVC cable without ventilation tube (permissible temperature: -5 ... 70 °C)

² not possible with G1/4" DIN 3852

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