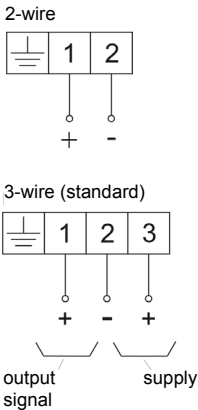


Specifications

General		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
Measuring ranges in bar		2	3.2	5	8	12	20	32	50	80	120	150	240	375	600
Max. pressure in bar															
Linearity		< 1% FS													
Hysteresis		< 0.5% FS													
Max. ambient temperature		0° to 60°C													
Max. medium temperature		0° to 85°C													
Pressure connection		male thread G1/2 B according to DIN EN 837													
Electrical connection		plug according to DIN EN 175301-803													
Enclosure protection		IP 65 according to DIN EN 60 529													
Material: contacted by media		Chrome-nickel-steel 1.4305, ceramic: Al ₂ O ₃ , gasket: Viton®													
Material: body		Chrome-nickel-steel 1.4305													
Electrical		24 V DC			24 V DC			24 V DC							
Nominal power supply		15...36 V DC			15...36 V DC			15...36 V DC							
Allowable power supply		15...30 V AC			-			15...30 V AC							
Output signal		0-20 mA			4-20 mA			0-10 V DC							
Electrical connection		3-wire			2-wire			3-wire							
Max. load		(U _B -15 V) / 0.02 A			(U _B -15 V) / 0.02 A			≥5 kΩ above 15 VDC ≥2 kΩ above 20 VDC							
Current / voltage limiting		approx. 26 mA			approx. 26 mA			approx. 10.5 V DC							
Temperature drift, offset		0.04 % FS/K			0.04 % FS/K			0.04 % FS/K							
Temperature drift, scale		0.025 % FS/K			0.025 % FS/K			0.025 % FS/K							

Connection Scheme



The transmitter is protected against short circuit and reverse connection.

Ordering Code

Pressure Transmitter		RTG 6										0 V 0 0			
Measuring Range				M				H							
0 ... 1.6 bar	> 0 3														
0 ... 2.5 bar	> 0 4														
0 ... 4 bar	> 0 5														
0 ... 6 bar	> 0 6														
0 ... 10 bar	> 0 7														
0 ... 16 bar	> 0 8														
0 ... 25 bar	> 0 9														
0 ... 40 bar	> 1 0														
0 ... 60 bar	> 1 1														
0 ... 100 bar	> 1 2														
0 ... 160 bar	> 1 3														
0 ... 250 bar	> 1 4														
0 ... 400 bar	> 1 5														
-1 ... 0 bar	> 3 1														
-1 ... 0.6 bar	> 3 2														
-1 ... 1.5 bar	> 3 3														
-1 ... 3 bar	> 3 4														
-1 ... 5 bar	> 3 5														
-1 ... 9 bar	> 3 6														
-1 ... 15 bar	> 3 7														
0 ... -1 bar	> 3 9														
Precision				M											
Linearity error, gauge pressure 1.0															
Pressure Connection															
Male threaded connection G 1/4 B stainless steel															
Male threaded connection G 1/2 B stainless steel															
Schrader®-fitting															
G 1 B with nearly deadroom free pressure port															
G 3/4 B with nearly deadroom free pressure port															
Electrical Output Signal															
0 - 20 mA 3-wire (STANDARD)															
4 - 20 mA 2-wire															
0 - 10 VDC 3-wire (STANDARD)															
0 - 20 mA 3-wire (special bond out)															
0 - 10 VDC 3-wire (special bond out)															
Electrical Connection															
removeable plug (4-pol.), according to DIN EN 175301-803															
Power Supply															
24 V DC															
24 V DC/AC (only 3-wire types)															
Gasket (in touch with media)															
FKM (Viton®) Standard															