



17.600

OEM Pressure Transmitter Heavy-Duty / Refrigeration

- ▶ stainless steel sensor, welded
- ▶ output signal
standard: 4 ... 20 mA / 2-wire
optionally: 0 ... 10 V / 3-wire
- ▶ accuracy: 0.25 % FSO BFSL
(0.5 % FSO IEC 60770)
- ▶ nominal pressure ranges from
0 ... 6 bar up to 0 ... 600 bar

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OEM Pressure Transmitter



Technical Data

Input pressure ranges											
Pressure ranges											
Nominal pressure gauge [bar]	0 ... 6	0 ... 10	0 ... 16	0 ... 25	0 ... 40	0 ... 60	0 ... 100	0 ... 160	0 ... 250	0 ... 400	0 ... 600
Permissible overpressure [bar]	12	35	35	120	120	120	350	350	1000	1000	1000
Vacuum ranges											
Nominal pressure gauge [bar]	-1 ... 6		-1 ... 10		-1 ... 16		-1 ... 25		-1 ... 40		-1 ... 60
Permissible overpressure [bar]	12		35		35		120		120		120
Output signal / Supply											
Standard	2-wire: 4 ... 20 mA / $V_S = 12 \dots 36 V_{DC}$										
Option	3-wire: 0 ... 10 V / $V_S = 14 \dots 36 V_{DC}$										
Performance											
Accuracy	IEC 60770: $\leq \pm 0.5 \%$ FSO						BFSL: $\leq \pm 0.25 \%$ FSO				
Permissible load	current 2-wire: $R_{max} = [(V_S - V_{Smin}) / 0.02] \Omega$						voltage 3-wire: $R_{min} = 10 k\Omega$				
Influence effects	supply: 0.05 % FSO / 10 V						permissible load: 0.05 % FSO / k Ω				
Thermal error (Offset and Span)											
Thermal error	$\leq \pm 0.3 \%$ FSO / 10 K										
in compensated range	0 ... 70 °C										
Electrical protection											
Short-circuit protection	permanent										
Reverse polarity protection	no damage, but also no function										
Electromagnetic protection	emission and immunity according to EN 61326										
Mechanical stability											
Vibration	10 g RMS (20 ... 2000 Hz)					Shock	100 g / 11 ms				
Permissible temperatures											
Medium	-25 ... 85 °C; others on request			Electronics / environment		-25 ... 85 °C		Storage	-40 ... 100 °C		