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PROCESS AUTOMATION

CE

Hydrostatic Pressure Sensor, Suspension and Externally Mounted Type



Technical data			
Approvals / Certifications	PTB Nr. Ex-95.D.2020		
Ignition protection class	EEx ia IIC T6		
Measuring ranges HR-028 1 HR-028 2 HR-028 3 HR-028 4 HR-028 5	Measuring ranges 0250 mbar 0600 mbar 01600 mbar 04 bar 010 bar	max. allowed over-pressure 2 bar 6 bar 10 bar 16 bar 30 bar	min. measuring ranges 050 mbar 0120 mbar 00.6 bar 01.6 bar 04 bar
Accuracy Linearity Temperature	typical $\pm 0.15\%$ max. $\pm 0.3\%$ from the full scale reading < 0.3% from the full scale reading / 10 K		
Supply	by a suitable signal conditioner (PLM - version)		
Electrical output	PLM - current impulses		
Environmental conditions Temperature	-20 °C +65 °C (253 K 338 K)		
Process conditions Temperature	-20 °C +60 °C (253 K 333 K)		
Process connection Suspension type Membrane seal Cable Externally mounted type Thread Membrane Connecting cable	Viton PE, ø8.7 mm G1¼A, stainless steel 316 Ti / 320 S 18 welded, stainless steel 316 Ti / 320 S 18 PE, ø8.7 mm, lenght 2 m		
Compensation of the measuring range	the hydrostatic pressure sens	or has to be compensated after	r mounting
A measuring system consists out of: - a hydrostatic pressure sensor HR-0283 a with a signal conditioner KFU8-PWC			

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Subject to reasonable modifications due to technical advances

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