

Pressure transmitter Model S-20

Modelcode type: S-20

Item number: 52375463

MEASURING RANGE

Pressure range	0 ... 7500 psig
Overpressure safety	see data sheet
Vacuum tightness	yes

OUTPUT SIGNAL

Signal output	4...20 mA, 2-wire
Permissible load in ?	? (power supply - 7.5 V) / 0.023 A

POWER SUPPLY

Power supply	DC 8...35 V
Total current consumption	Current signal, max. 25 mA

ACCURACY INFORMATION

non-linearity	0.25% BFSI
Accuracy at calibration temperature	? ±0.5 % of span
Long-term drift	? ±0.1 % of span
without additional error at calibration temperature	yes

TEMPERATURE ERROR

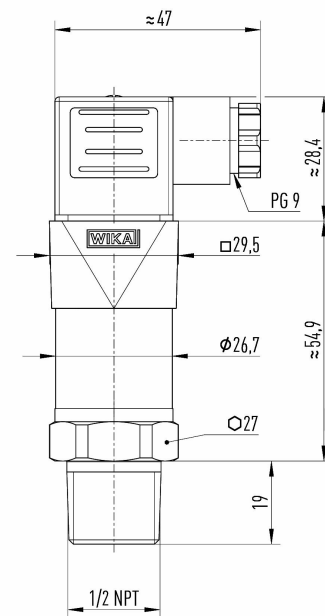
Temperature error -20 ... +80°C	1 %
Temperature error -30 ... +100°C	1.5 %

OPERATING ENVIRONMENT CONDITIONS

permitted media temperature	-30...+100°C
Storage and transport temperature	-40 ... +70°C
shock and vibration resistance	100 g shock, 20 g vibration
Service life	100 million load cycle

PROCESS CONNECTION

Process Connection	1/2 NPT
Sealing	without
Pressure port	D 2.5 mm



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Electrical connection	angular connector DIN 175301 -803 A
tailoring electrical connection	mating connector included
Ingress protection	IP 65
pin assignment el. connection	U+=1, U-=2 -30 ... +100 °C (-22 ... +212 °F)
item based datasheet headlines	ELECTRICAL SAFETY
Short-circuit resistance	S+ vs. U-
Reverse polarity protection	U+ vs. U-
Insulation voltage	DC 750 V

CE-CONFORMITY, APPROVALS AND CERTIFICATES

CE conformity	PED 2014/65/EU
CE conformity2	EMC 2014/30/EU
CE-Konformität Teil3	RoHS 2011/65/EU
Approvals	cULus