

# Pressure transmitter Model S-20

**Modelcode type:** S-20

**Item number:** 52375382

## MEASURING RANGE

Pressure range 0 ... 600 psig

Overpressure safety 2 times

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 ?  $\pm 0.5$  % of span

Long-term drift ?  $\pm 0.1$  % 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

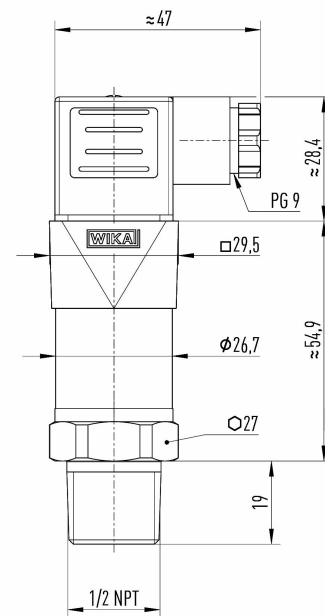
Service life 100 million load cycle

## PROCESS CONNECTION

Process Connection 1/2 NPT

Sealing without

Pressure port D 2.5 mm



**Pressure transmitter Model S-20****Modelcode type: S-20****Item number: 52375382****ELECTRICAL CONNECTION**

|                                 |                                                     |
|---------------------------------|-----------------------------------------------------|
| Electrical connection           | angular connector DIN 175301<br>-803 A              |
| tailoring electrical connection | mating connector included                           |
| Ingress protection              | IP 65                                               |
| pin assignment el. connection   | U+=1, U-=2<br><br>-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           |