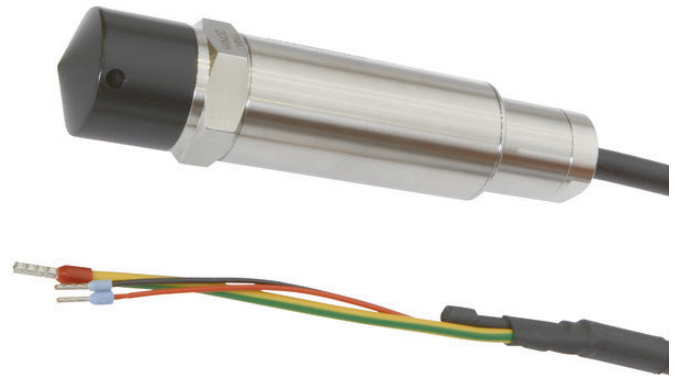


FY98E252

FILLING LEVEL SENSORS • HYDROSTATIC

sensor filling level, , 1 inch 57long, G1 inch, 0-200mbar, 10-30V DC, 4-20mA, Clamp Other, IP68, V4A, probe 1x Ø27.5mm 10000long



MECHANICAL FEATURES

| | |
|----------------------------|------------------------|
| Ambient temperature | -20 °C ... 70 °C |
| Degree of protection (IP) | IP68 |
| Depth | 57 mm |
| Design | Special construction |
| Height | 124 mm |
| Housing material | Stainless steel 1.4404 |
| Material of cable sheath | Other |
| Medium temperature | -20 °C ... 70 °C |
| Number of cores | 3 |
| Pressure resistance | 1 bar |
| Probe diameter | 27.5 mm |
| Probe length | 10000 mm |
| Sensing element material | Stainless steel 1.4404 |
| Sensor height | 126.3 mm |
| Thread length | 15 mm |
| Thread size, inches | 1 inch |
| Type of process connection | G1 inch |
| Width | 157 mm |

ELECTRICAL FEATURES

| | |
|---------------------------------------|---------------------|
| Measuring range pressure | 0 mbar ... 200 mbar |
| Number of probes | 1 |
| Physical measurement principle | IV000955 |
| Rated control supply voltage Us at DC | 10 V ... 30 V |
| Type of analog output | 4 mA ... 20 mA |
| Type of electrical connection | Clamps |
| Voltage drop | 2 V |
| Voltage type for actuation | DC |

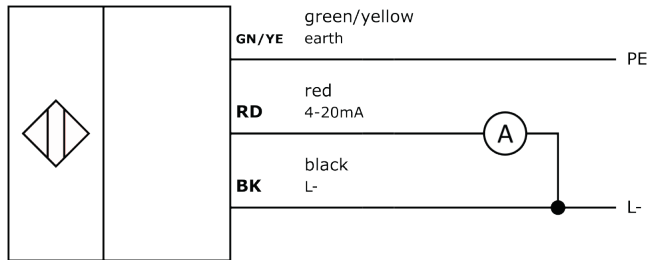
Other

| | |
|----------------------|----------------------|
| Packaging dimensions | 300mm x 50mm x 300mm |
| Shipping weight | 1kg |
| Tariff code | 85365019 |

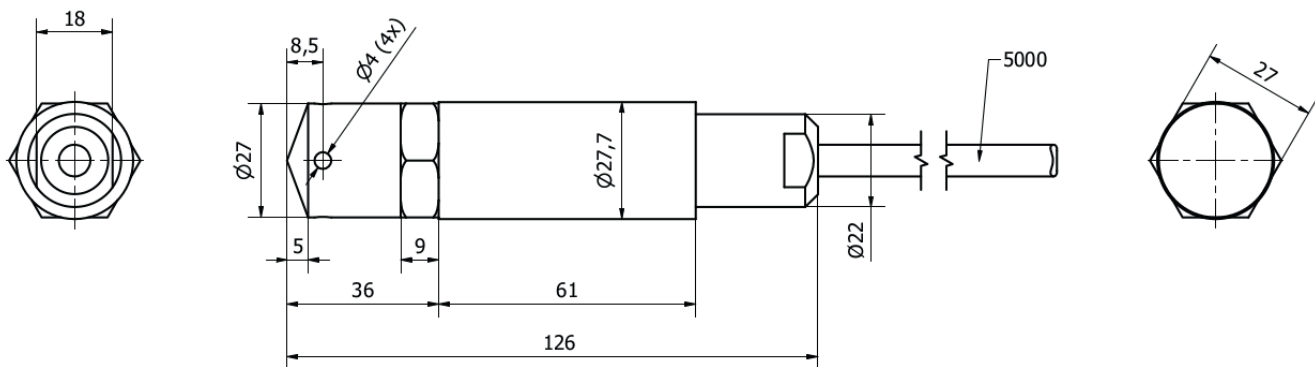
Classification

| | |
|-------------------|----------|
| ipf product group | 700 |
| eClass 8.0 | 27371813 |
| eClass 9.0 | 27371813 |
| eClass 9.1 | 27371813 |
| ETIM-5.0 | EC001447 |
| ETIM-6.0 | EC001447 |
| ETIM-7.0 | EC001447 |

Connection



Dimensional drawing



Installation



Mounting / installation may only be carried out by a qualified electrician!

Disposal



Software

Any software, drivers or IODD files that may be required to operate your device can be downloaded free of charge from our homepage: www.ipf-electronic.com

Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information. Never use these devices in applications where the safety of a person depends on their functionality. LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.