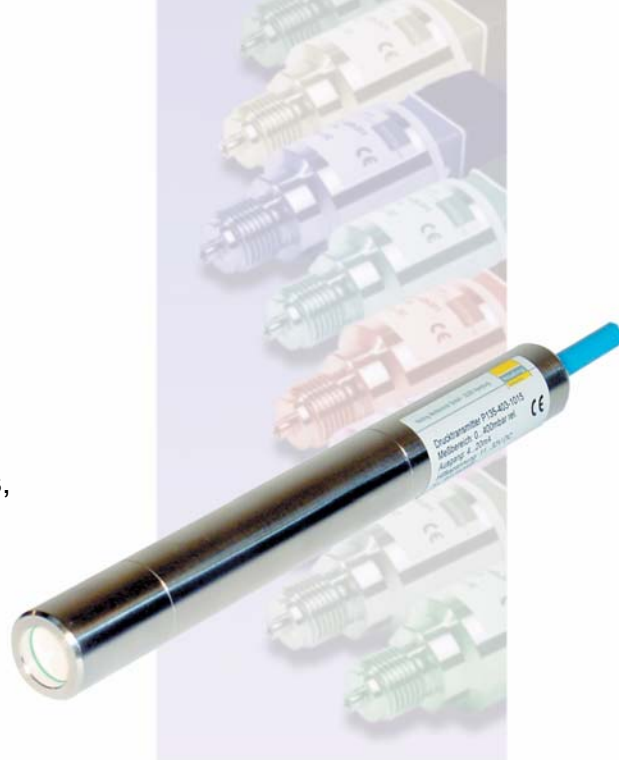


- 22 mm Ø ideal for 1" pipes
- Ranges from 100 mbar to 20 bar
- Global error < 0,2% F.S.
- $\text{Ex}$  II 1G EEx ia IIC T4/T6
- Integrated lightning protection
- Cable according Bg VV-1.12.96-specifications, suitable for food and drinking water
- Optional integrated Pt 100 sensor for temperature measurement



## Level Transmitter IPT 135

### Technical data:

Ranges:	0...100 mbar to 0...20 bar
Output signal:	4...20 mA, 2-wire
Global error:	< 0,2% F.S.
Response time:	200 ms (other available on request)
Supply voltage:	12...30V DC, max. 30 mA
Ambient temperature:	-25...80 °C (-25...70 °C at EEx ia IIC T4) (-25...50 °C at EEx ia IIC T6)
Thermal drift:	< 0,015%/K F.S.
Housing:	stainless steel, 1.4404, IP 68
Weight of probe:	approx. 0,3 kg
Weight of cable:	0,5 kg / 10m
Electr. connection:	PE cable with pressure compensation capillary and filter

## Ranges

range in bar		range in mH <sub>2</sub> O		overload (bar)
0...100 mbar	00	0...1 mH <sub>2</sub> O	50	-0,3/4
0...160 mbar	01	0...1,6 mH <sub>2</sub> O	51	-1/5
0...200 mbar	B1	0...2 mH <sub>2</sub> O	W1	-1/5
0...250 mbar	02	0...2,5 mH <sub>2</sub> O	52	-1/5
0...0,4 bar	03	0...4 mH <sub>2</sub> O	53	-1/6
0...0,5 bar	B7	0...5 mH <sub>2</sub> O	W2	-1/6
0...0,6 bar	04	0...6 mH <sub>2</sub> O	54	-1/10
0...1,0 bar	05	0...10 mH <sub>2</sub> O	55	-1/10
0...1,6 bar	06	0...16 mH <sub>2</sub> O	56	-1/15
0...2,0 bar	B3	0...20 mH <sub>2</sub> O	W3	-1/15
0...2,5 bar	07	0...25 mH <sub>2</sub> O	57	-1/15
0...4,0 bar	08	0...40 mH <sub>2</sub> O	58	-1/25
0...6,0 bar	09	0...60 mH <sub>2</sub> O	59	-1/40
0...10 bar	10	0...100 mH <sub>2</sub> O	60	-1/40
0...16 bar	11	0...160 mH <sub>2</sub> O	61	-1/40
0...20 bar	B5	0...200 mH <sub>2</sub> O	W5	-1/40

## Ordering code

### Output signal

4 4...20 mA 2-wire  
 E 4...20 mA 2-wire 1G EEx ia IIC T4/T6T  
 4...20 mA 2-wire and Pt 100 sensor 3-wire

### Range

See table on the left  
 99 no standard (on request)

### Material housing / sensor seal

1 1.4404 / FPM (Viton)  
 3 1.4404 / EPDM

### Cable cuttable

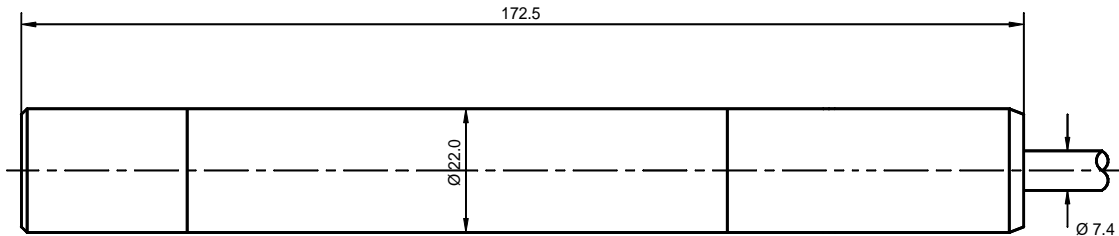
002 2m cable from 5m to 50m  
 005 5m cable only in 5m intervals  
 010 10m cable  
 050 50m cable from 50m only in  
 100 100m cable 10m intervals  
 Special lengths quote in meters

### Cable material

0 PE cable  
 1 FDR 25 cable (Diesel oil resistant)  
 2 PUR cable  
 3 PTFE (Teflon)

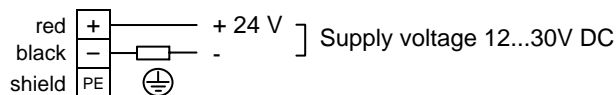
IPT 135 - [ ] - [ ] - [ ]

## Dimensions (mm)



## Electrical connections

### 4...20 mA, 2-wire



### 4...20 mA, 2-wire and Pt 100 sensor, 3-wire

