



**TPR 281, 250 °C, DN 16 CF-R**



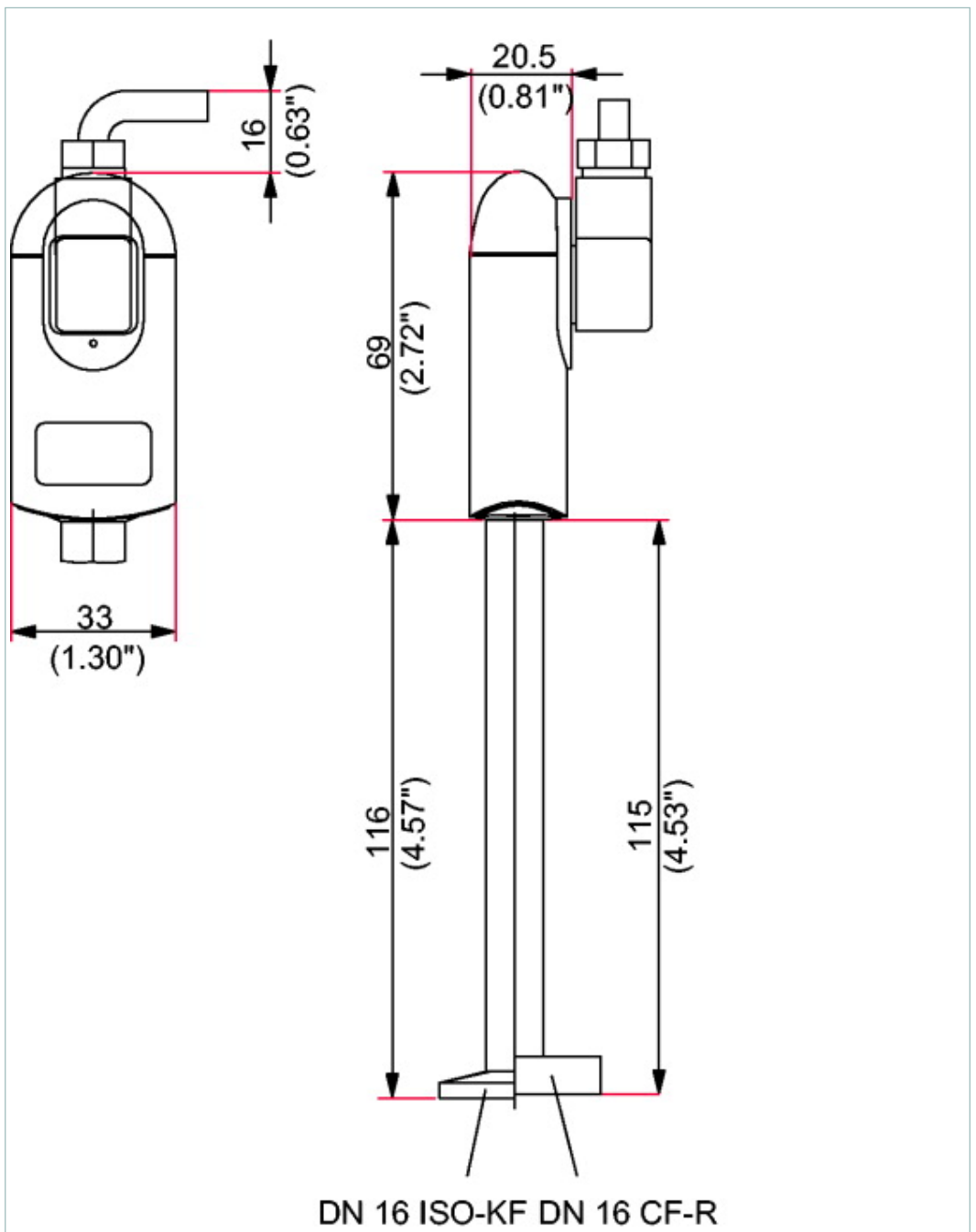


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## TPR 281, 250 °C, DN 16 CF-R

- For measuring corrosive media
- Display range  $5 \cdot 10^{-4}$  to 1000 hPa
- Flange size: DN 16 CF-R
- Measurement range from  $5 \cdot 10^{-4}$  to 1000 hPa
- With extra-long case
- Compact and rugged
- Fast, stable measurement
- For corrosive media
- Maximum pressure refers to inert gases

### Dimensions



Technical Data	TPR 281, 250 °C, DN 16 CF-R
Accuracy: 10 <sup>-3</sup> - 10 <sup>2</sup> hPa	± 15 %
Bakeout temperature	250 °C   482 °F   523 K
Feature	For corrosive media
Feedthrough	Glass
Filament	Nickel
Flange	Stainless steel
Measurement range max.	1,000 hPa   750 Torr   1,000 mbar
Measurement range min.	5 · 10 <sup>-4</sup> hPa   3.75 · 10 <sup>-4</sup> Torr   5 · 10 <sup>-4</sup> mbar
Method of measurement	Pirani
Nominal diameter	DN 16 CF-R
Output signal: Minimum load	10 kΩ
Output signal: Pressure range	2.2 - 8.5 V
Output signal: Sensor error below	0.5 V
Pressure max.	1000 kPa
Protection category	IP40
Repeatability: 10 <sup>-3</sup> - 10 <sup>2</sup> hPa	± 2 %
Resolution	1 % of reading
Response time	80 ms
Seal	Metal
Sensor cable length max.	200 m
Supply: Power consumption max.	1 W
Supply: Voltage	14-30 V DC
Temperature: Operating	5-60 °C   41-140 °F   278-333 K
Temperature: Storage	-20-65 °C   -4-149 °F   253-338 K
Volume	10 cm <sup>3</sup>
Weight	140 g

Order number
TPR 281
PT R21 961

Accessories
Accessory for ActiveLine gauges and controllers
Mating connector
Sensor cable, 3 m
B 4707 283 MA
PT 448 250 -T