



TPR 281, 80 °C, DN 16 ISO-KF



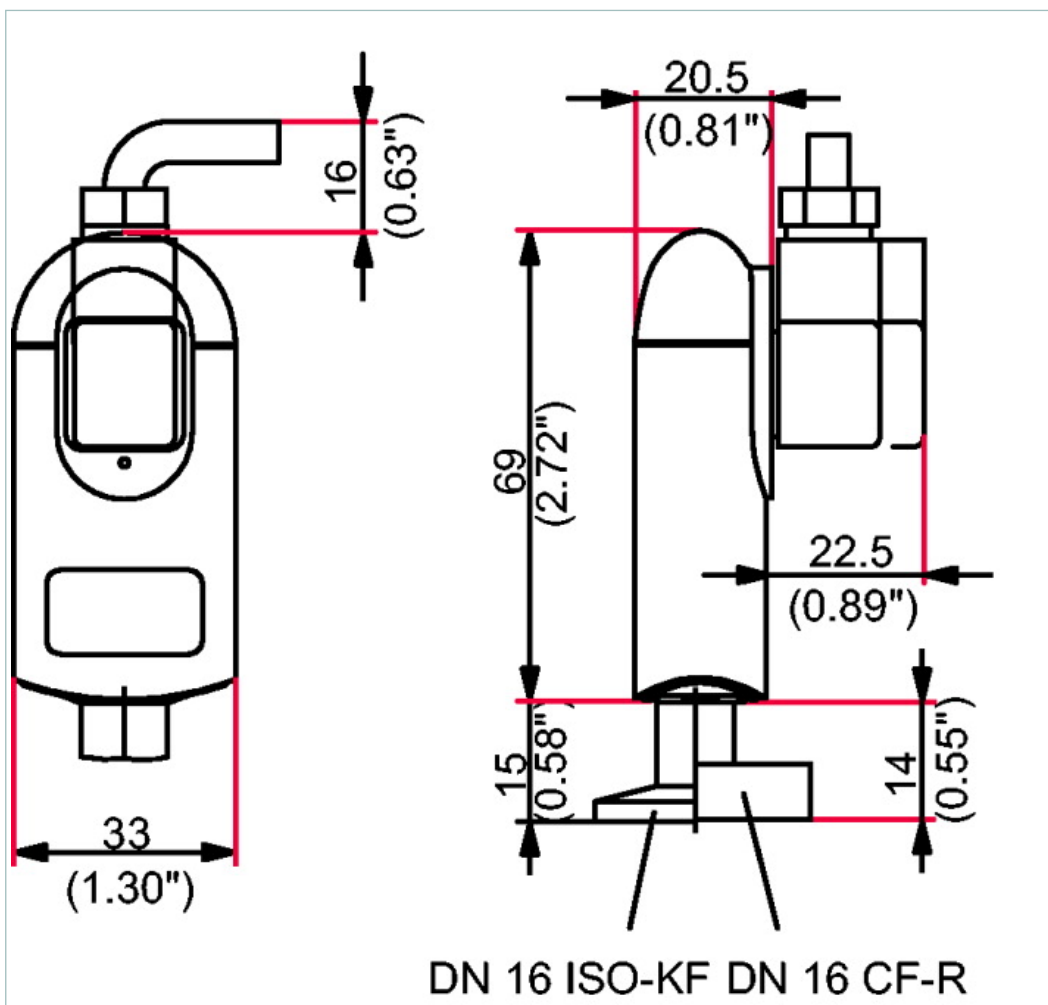


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TPR 281, 80 °C, DN 16 ISO-KF

- For measuring corrosive media
- Display range $5 \cdot 10^{-4}$ to 1000 hPa
- Flange size: DN 16 ISO-KF
- Compact and rugged
- Maximum pressure refers to inert gases

Dimensions



Technical Data	TPR 281, 80 °C, DN 16 ISO-KF
Accuracy: 10^{-3} - 10^2 hPa	± 15 %
Bakeout temperature	80 °C 176 °F 353 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.	$5 \cdot 10^{-4}$ hPa $3.75 \cdot 10^{-4}$ Torr $5 \cdot 10^{-4}$ mbar
Method of measurement	Pirani
Nominal diameter	DN 16 ISO-KF
Output signal: Minimum load	10 k Ω

Technical Data	TPR 281, 80 °C, DN 16 ISO-KF
Output signal: Pressure range	2.2 - 8.5 V
Output signal: Sensor error below	0.5 V
Pressure max.	10,000 hPa 7,500 Torr 10,000 mbar
Protection category	IP40
Repeatability: 10 ⁻³ - 10 ² 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	1.3 cm ³
Weight	80 g

Order number	
TPR 281	PT R21 950

Accessories	
Accessory for ActiveLine gauges and controllers	
Mating connector	B 4707 283 MA
Sensor cable, 3 m	PT 448 250 -T
Vacuum accessories	
Centering ring with metal mesh-fine filter, pore size 4 m, FPM/stainless steel	PT 120 132 -T
Centering ring with poral filter, pore size 20 m, FPM/stainless steel	PF 117 216 -T