



**TPR 280, 80 °C, DN 16 ISO-KF**



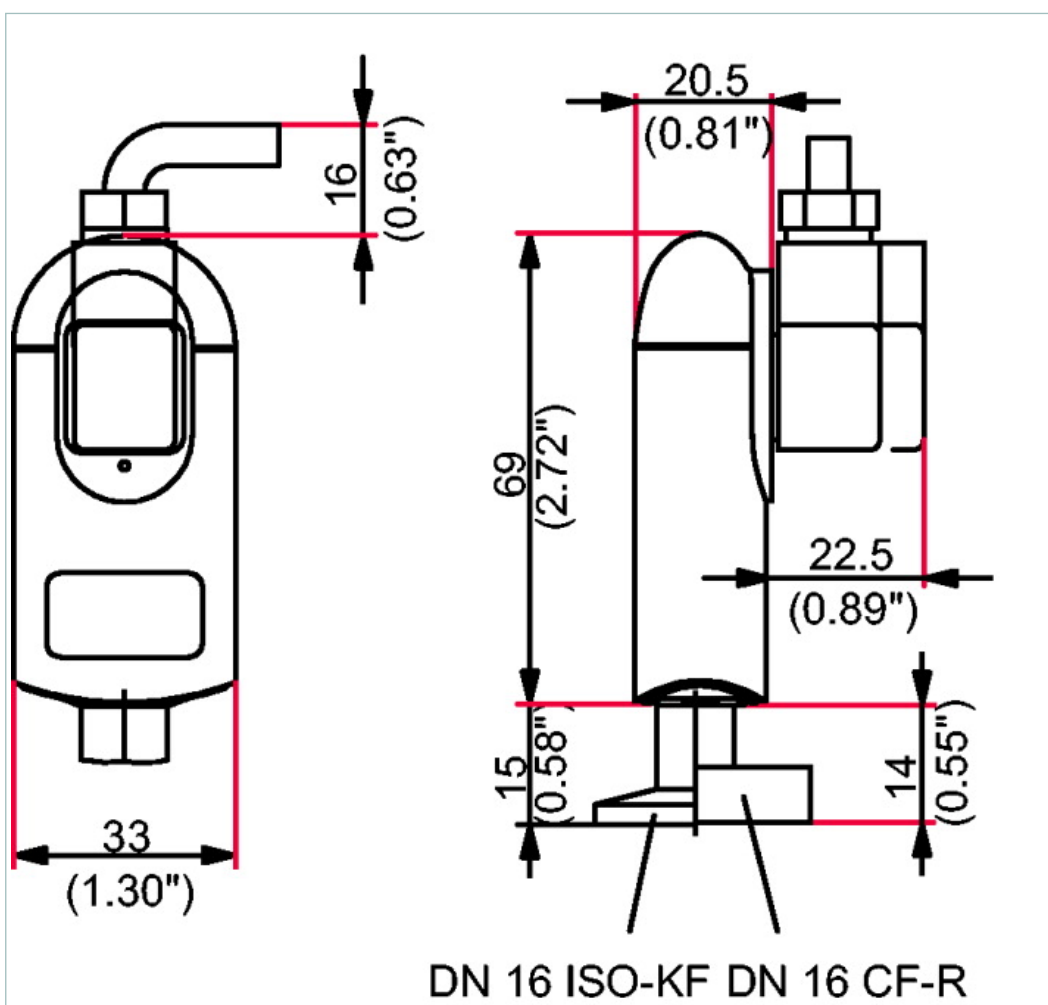


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## TPR 280, 80 °C, DN 16 ISO-KF

- Responsive measurement
- Display range  $5 \cdot 10^{-4}$  to 1000 hPa
- Flange size: DN 16 ISO-KF
- For general vacuum applications
- Compact and rugged
- Maximum pressure refers to inert gases

### Dimensions



Technical Data	TPR 280, 80 °C, DN 16 ISO-KF
Accuracy: $10^{-3}$ - $10^2$ hPa	$\pm 15\%$
Bakeout temperature	80 °C   176 °F   353 K
Feature	Stainless steel, metal sealed
Feedthrough	Glass
Filament	Tungsten
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

Technical Data	TPR 280, 80 °C, DN 16 ISO-KF
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.	10,000 hPa   7,500 Torr   10,000 mbar
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	1.5 cm <sup>3</sup>
Weight	80 g

Order number	
TPR 280	PT R26 950

Accessories	
<b>Accessory for ActiveLine gauges and controllers</b>	
Mating connector	B 4707 283 MA
Sensor cable, 3 m	PT 448 250 -T
<b>Vacuum accessories</b>	
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