



# PKR 261, metal sealed, DN 40 ISO-KF



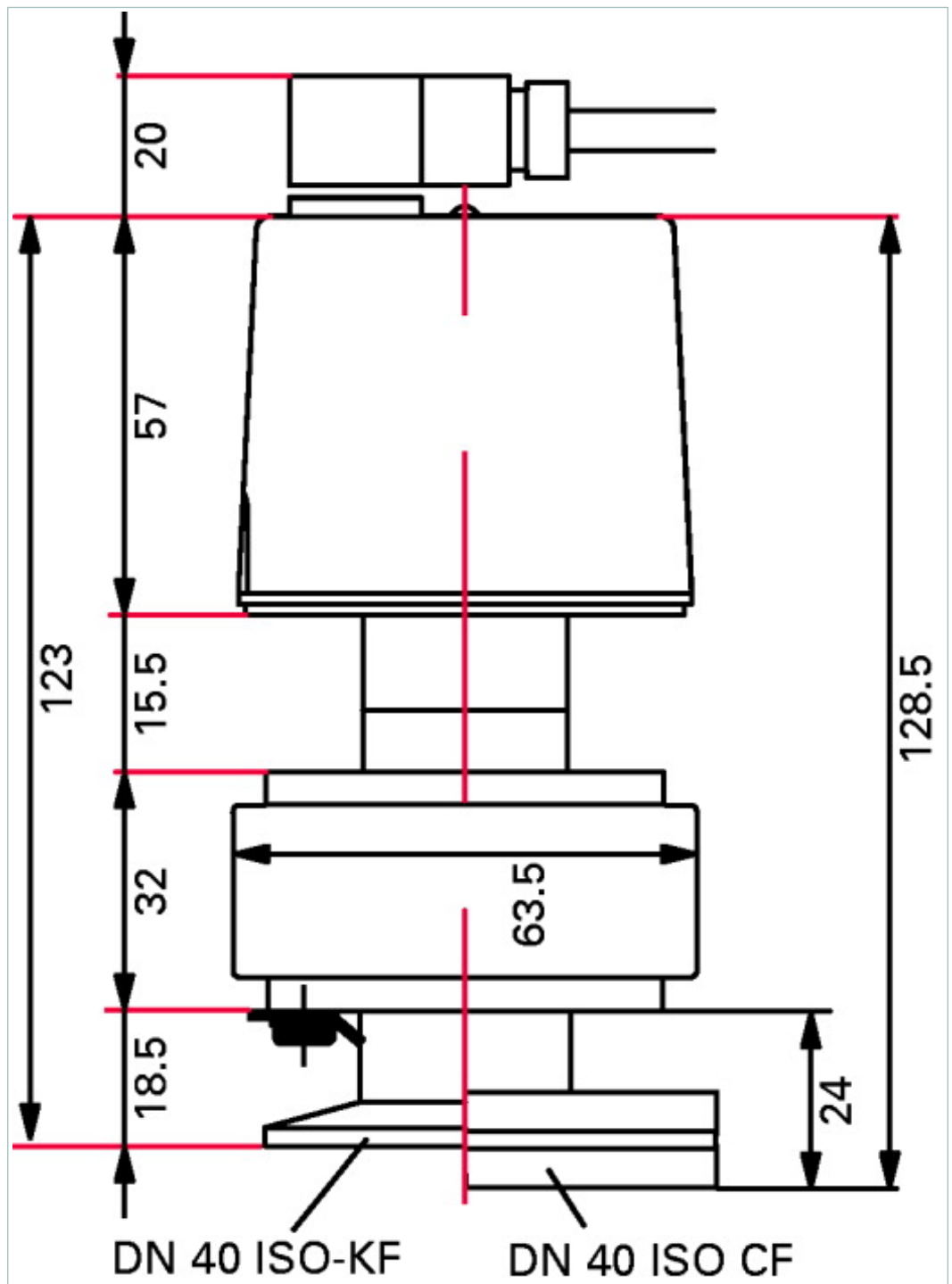


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## PKR 261, metal sealed, DN 40 ISO-KF

- FullRange® gauge with two sensors in one housing
- Display range from  $5 \cdot 10^{-9}$  to 1000 hPa
- Flange size: DN 40 ISO-KF
- Maximum pressure refers to inert gases and temperatures of less than 55 °C
- Corrosion-resistant

### Dimensions



Technical Data	PKR 261, metal sealed, DN 40 ISO-KF
Accuracy: $10^{-8}$ - $10^2$ hPa	$\pm 30\%$
Anode	Molybdenum
Bakeout temperature	Electronic removed, $\leq 150\text{ }^{\circ}\text{C}$   Electronic removed, $\leq 302\text{ }^{\circ}\text{F}$   Electronic removed, $\leq 423\text{ K}$
Feature	Metal sealed
Feedthrough	$\text{Al}_2\text{O}_3$ , Glas
Filament	Tungsten
Flange	Stainless steel
Measurement range max.	1,000 hPa   750 Torr   1,000 mbar
Measurement range min.	$5 \cdot 10^{-9}$ hPa   $3.75 \cdot 10^{-9}$ Torr   $5 \cdot 10^{-9}$ mbar
Method of measurement	Pirani/Cold Cathode
Nominal diameter	DN 40 ISO-KF
Output signal: Minimum load	10 k $\Omega$
Output signal: Pressure range	1.8 - 8.6 V
Output signal: Sensor error above	9.5 V
Output signal: Sensor error below	0.5 V
Pressure max.	10,000 hPa   7,500 Torr   10,000 mbar
Repeatability: $10^{-8}$ - $10^2$ hPa	$\pm 5\%$
Seal	Ag, Cu
Sensor cable length	300 m
Supply: Power consumption max.	2 W
Supply: Voltage	15-30 V DC
Temperature: Operating	5-55 $^{\circ}\text{C}$ *
Temperature: Storage	-40-65 $^{\circ}\text{C}$   -40-149 $^{\circ}\text{F}$   233-338 K
Volume	20 $\text{cm}^3$
Weight	750 g

\* Operating temperature: up to 150  $^{\circ}\text{C}$  at the flange if mounted horizontally

Order number
PKR 261
PT R26 251

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