



RPT 200, DN 16 ISO-KF, RS-485, Analog

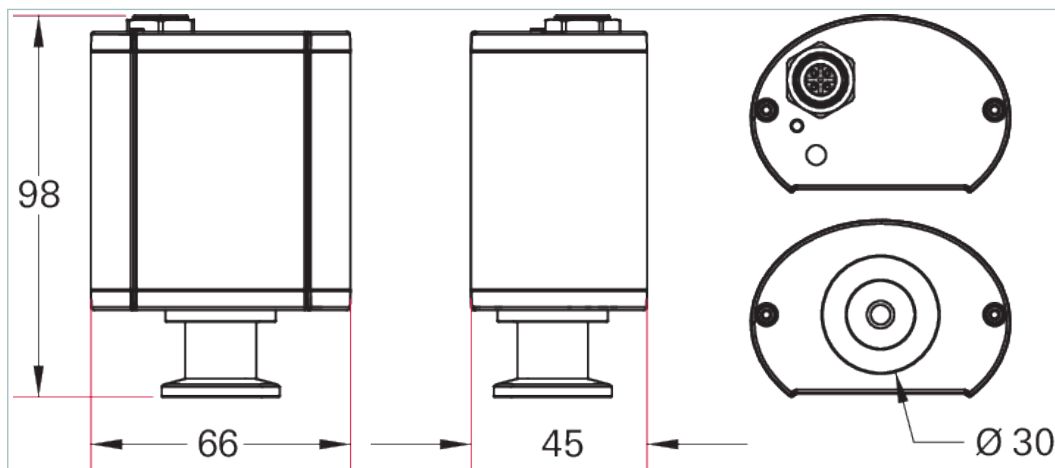


Similar Image

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- $1 \cdot 10^{-4}$ to 1200 hPa
- Combination of two sensors
- High accuracy up to atmospheric pressure
- Analog output and set points

Dimensions



Technical Data	RPT 200, DN 16 ISO-KF, RS-485, Analog
Accuracy: $2 \cdot 10^{-3}$ – 10 hPa	± 10 %
Accuracy (Full Scale): 10 – 1200 hPa	± 0.3 %
Ambient temperature	5-60 °C 41-140 °F 278-333 K
Bakeout temperature at the flange	125 °C 257 °F 398 K
Filament	Tungsten
Full scale	1,200 hPa 900 Torr 1,200 mbar
I/O interfaces	RS-485, analog 0-10 V
Materials in contact with media	Stainless steel, Tungsten, gold, silicon oxide, glass
Measurement range	$1 \cdot 10^{-4}$ – $1.2 \cdot 10^3$ hPa
Measuring cycle	10 ms
Method of measurement	Piezo/Pirani
Nominal diameter	DN 16 ISO-KF
Pressure max.	4,000 hPa 3,000 Torr 4,000 mbar
Protection category	IP54
Repeatability: $1 \cdot 10^{-3}$ – 1 hPa	± 1 %
Repeatability (Full Scale): 10 – 1200 hPa	± 0.1 %
Seal	Metal
Sensor cable length min.	100 m
Supply: power consumption	3.2 W
Temperature: Storage	-40-65 °C -40-149 °F 233-338 K
Weight	195 g

Order number

RPT 200 AR

PT R37 131

Accessories	
Adapters (electrical) Adapter Cables	
Connection cable, RS-485, M12/D-sub 9-pole, 3 m	PT 348 223 -T
Adapters (electrical) Adapter Measurement	
M12 m plug, 8-pole, with screw terminals DigiLine AR	PT 348 107 -T
Adapter RS-485, M12, 4-pole - D-sub bushing, 9-pole, 0.2 m	PT 348 133 -T
Adapters (electrical) RS-232/485	
Coupling M12 for RS-485	PM 061 270 -X
Termination resistor for RS-485	PT 348 105 -T
M12 m Plug 4-Pole with Screw Terminals RS-485	PT 348 106 -T
Power separator for RS-485	PT 348 132 -T
Cables Analog/relay cables	
Measurement Cable DigiLine xPT 200 AR to TP G 2xx, 3 m	PT 348 250 -T
Cables Connection cables	
Supply Cable DigiLine, M12, 4-pole to TPS, 3 m	PT 348 163 -T
Control Devices Gauge controllers	
DPG 202, Controller and Display Unit for up to 2 Gauges	PT G12 020
Control Devices Power supplies and control displays	
TPS 110, power supply pack for wall/standard rail fitting	PM 061 340 -T
TPS 111, power supply pack 3HU 19" rack module	PM 061 344 -T
Protection Inlet filters	
Centering ring with protection filter, pore size 20 µm, FPM/stainless steel	PF 117 216 -T
Centering ring with metal mesh-fine filter, pore size 4 µm, FPM/stainless steel	PT 120 132 -T
Software Display & Data logging	
DokuStar Plus software, 16 channels	PT 882 501
Turbopumps	
Y-Connector M12 to RS-485	P 4723 010
USB converter to RS-485 interface	PM 061 207 -T
Turbopumps/Measurement	
Interface cable, M12 m straight/M12 m straight, 3 m	PM 061 283 -T

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