



# HPT 200 AR, DN 25 ISO-KF, RS-485, analog



Similar Image

## HPT 200 AR, DN 25 ISO-KF, RS-485, analog

- $5 \cdot 10^{-10}$  – 1000 hPa
- Combination of two sensors
- RS-485, analog 0 – 10 V
- Two switch-points (relay contacts)

Technical Data	HPT 200 AR, DN 25 ISO-KF, RS-485, analog
Ambient temperature	5-60 °C   41-140 °F   278-333 K
Bakeout temperature at the flange	180 °C   356 °F   453 K
Filament	Iridium coated with $Y_2O_3$
I/O interfaces	RS-485, analog 0 – 10 V
Materials in contact with media	Tungsten, stainless steel, nickel, glass, ceramics
Measurement cable length	100 m
Measuring cycle	10 ms
Measuring method	Pirani/Bayard-Alpert
Measuring range	$5 \cdot 10^{-10}$ – $1 \cdot 10^3$ hPa
Nominal diameter	DN 25 ISO-KF
Number of filaments	2
Precision: $1 \cdot 10^{-8}$ – 10 hPa	± 10 %
Precision: 10 – 1000 hPa	± 30 %
Pressure max.	4,000 hPa   3,000 Torr   4,000 mbar
Protection degree	IP54
Relay: Number	2 Pcs.
Relay: Switching voltage	30 V DC / 50 V AC
Repeatability: $1 \cdot 10^{-2}$ – 10 hPa	± 2 %
Repeatability: $1 \cdot 10^{-8}$ – $1 \cdot 10^{-2}$ hPa	± 5 %
Seal	Metal
Supply: consumption max.	9 W
Supply: power consumption	9.7 W
Supply: Voltage V DC	24 V DC
Temperature: Storage	-40-65 °C   -40-149 °F   233-338 K
Weight	475 g

Order number	
HPT 200 AR	PT R39 141

<b>Accessories</b>	
<b>Adapters (electrical) Adapter Cables</b>	
Connection cable, RS-485, M12/D-sub 9-pin, 3 m	<b>PT 348 223 -T</b>
<b>Adapters (electrical) Adapter Measurement</b>	
M12 m, 8-pin plug with screw clamps, DigiLine AR version	<b>PT 348 107 -T</b>
Adapter RS-485, M12, 4-pin - D-sub socket, 9-pin, 0.2 m	<b>PT 348 133 -T</b>
<b>Adapters (electrical) RS-232/485</b>	
Plug M12 m 4-pin with screw clamps for DigiLine RS-485, for customer-specific cables	<b>PT 348 106 -T</b>
Y-connector M12 for RS-485	<b>P 4723 010</b>
USB RS-485 converter	<b>PM 061 207 -T</b>
Power separator for RS-485	<b>PT 348 132 -T</b>
Coupling M12 for RS-485	<b>PM 061 270 -X</b>
Terminal resistor for RS-485	<b>PT 348 105 -T</b>
<b>Cables Analog/relay cables</b>	
Measurement cable DigiLine xPT 200 AR/CCT 3xx AR to TPG 3xx, 3 m	<b>PT 348 250 -T</b>
<b>Cables Connection cables</b>	
Mains power supply DigiLine, M12, 4-pin to TPS, 3 m	<b>PT 348 163 -T</b>
<b>Cables RS-485 Interface cables</b>	
Interface cable, M12 m straight / M12 m straight, 3 m	<b>PM 061 283 -T</b>
<b>Control Devices Power supplies and control displays</b>	
TPS 111, power supply pack 19" plug-in unit 3HU	<b>PM 061 344 -T</b>
TPS 110, power supply pack for wall/standard rail installation	<b>PM 061 340 -T</b>
<b>Protection Inlet filters</b>	
Centering ring with sintered metal filter, 20 µm pore size, FKM/stainless steel, DN 25 ISO-KF	<b>PF 117 225 -T</b>
<b>Software Display &amp; Data logging</b>	
DokuStar Plus software, 16 channels	<b>PT 882 501</b>

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