

Ex-Pt 720

Ex-Pt 720 for fast and accurate temperature measurements in hazardous areas up to Zone 0.

Ex-Pt 720 is the ideal measuring instrument for control measurements on account of its wide measuring range and accurate four-wire technology.

Ex-Pt 720, temperature measuring instrument with holder strap, incl. battery and calibration protocol

Part no.
0560 7236

Highly accurate Ex-Pt thermometer

- Highly accurate
- Wide range of probes
- Fast custom-designed probes service
- Approval in accordance with European and American Standards



Easy to read thanks to large display



L.S. Class I Div 1 A B C D T4

II 2(1) G EEx Ia IIC T4

Probes	Illustration	Meas. range	Accuracy	t ₉₀	Part no.
Robust, water-proof immersion/penetration probe for Zone 1 and 2	<p>Conn.: Fixed cable</p>	-50 to +400 °C	Class A	12 s	0628 1232
Robust, water-proof surface probe for Zone 1 and 2, with widened measuring tip for flat surfaces	<p>Conn.: Fixed cable</p>	-50 to +400 °C	Class B	40 s	0628 1932
Robust immersion/penetration probe (IP 65) for Zone 0, 1 and 2, stainless steel, PUR cable can be used for up to +80°C, IP 54 plug-in connection	<p>Conn.: Fixed cable</p>	-50 to +400 °C	Class A	10 s	0628 2232
Robust immersion probe (IP 67), for Zone 0, 1 and 2, stainless steel, FEP cable can be used at up to 205°C. Application: temperature measurement in petrol and oil tanks. Cable: 25 m long	<p>Conn.: Fixed cable</p>	-50 to +400 °C	Class A	15 s	0628 2432

Accessories	Part no.
Transport and Protection	
Leather case for thermometer incl. probe holder and positioning clip	0516 0133
Case for instrument and probes	0516 0182
Not for use in Ex-zone	
Transport case (plastic) for instrument and accessories	0516 0184
Not for use in Ex-zone	
Calibration certificates	
ISO calibration certificate/Temperature, For air/immersion probes, calibration points -18°C; 0°C; +60°C	0520 0001
ISO calibration certificate/Temperature, Measuring instruments with air/immersion probe; calibration points 0°C; +150°C; +300°C	0520 0021
ISO calibration certificate/Temperature Measuring instruments with air/immersion probe; calibration points 0°C; +300°C; +600°C	0520 0031
DKD calibration certificate/Temperature Meas. instr. with air/immersion probe; calibration points -20°C; 0°C; +60°C	0520 0211
DKD calibration certificate/Temperature Meas. instr. with air/immersion probe; cal. points 0°C; +100°C; +200°C	0520 0221
ISO calibration certificate/Temperature Thermometers with surface probe; calibration points +60°C; +120°C; +180°C	0520 0071
DKD calibration certificate/Temperature Contact surface temperature probes; calibration points +100°C; +200°C; +300°C	0520 0271

Technical data	
Probe type	Pt100
Meas. range	-50 to +400 °C
Accuracy	±0.2% of mv (+200 to +400 °C) ±1 digit ±0.2 °C (-50 to +199.9 °C)
Resolution	0.1 °C (-50 to +199.9 °C) 1 °C (+200 to +400 °C)
Oper. temp.	-10 to +50 °C
Storage temp.	-20 to +70 °C
Battery type	9 V, IEC 6LR61
Battery life	100 h
Dimensions	190 x 57 x 42 mm
Weight	200 g
Material/Housing	Housing: ABS, coated
Other features	°C/°F
Warranty	2 years