



## Intrinsically-Safe Sensor-Temperature Measuring Unit Ex-PT 720

The Ex-PT 720 is intended for flexible and accurate measurements in explosion-endangered areas up to Zone 0. The simple operation and the large clearly-readable display enable a wide field of applications. The one-hand operation, however, lets the light-weight device sit comfortably in the hand.



**For accurate and easy measurement of temperature in explosion-endangered areas up to Zone 0.**

- high accuracy
- handy size
- digital display
- measurement range  
-58°F ... +752°F / -50 ... +400°C

### Operation:

ON / OFF button, HOLD button  
°C / °F changeover  
auto-Off after 10 min. (excl. HOLD)

### Display:

3 digit  
large display  
LOW-batt. display  
sensor break detection

### Ex data:

Ex designation:  
Ⓔ II 2(I) G EEx ia IIC T4

EC-Certificate of conformity:  
TÜV 01 ATEX 1757 X



I.S. Class I Division 1 Group A-DT4

### Technical data:

Measuring sensor:	Pt 100 / 4 wire		
Measurement range		-50° ... +400°C	-58° ... +752°F
Accuracy:	+/- 0.36°F	-50° ... +199.9°C	-58° ... +390°F
(+/- 1 Digit)	+/- 0.2% of reading	+200° ... +400°C	+390° ... +752°F
Resolution:	0.18°F	-50° ... +199.9°C	-58° ... +390°F
	1.8°F	+200° ... +400°C	+390° ... +752°F
System accuracy with immersion/insertion sensor			
(+/- 1 Digit)	+/- 1.08°F	-50° ... +100°C	-58° ... +210°F
	+/- 0.5% of reading	+50° ... +400°C	+210° ... +752°F
Operating temperature:		-10° ... +50°C	+14° ... 122°F
Storage temperature:		-20 ... +70°C	-5° ... 130°F
Unit dimensions:	7.4" x 2.2" x 1.6" (190 x 57 x 42 mm)		
Weight:	approx. 13 oz (360 g) (with battery)		
Power supply:	1 x standard 9V battery block (IEC 6LR61)		
Battery life:	approx. 100h		
Protective rating:	IP 54		

### Scope of supply:

Ex-PT 720 with carrying strap

### Accessories:

- sensors on request
- immersion sensor
- insertion sensor
- surface sensor

