568 EX

FOR HARSH ENVIRONMENTS

ecom
A PEPPERL+FUCHS BRAND

CERTIFICATION

ATEX


II 2 G Ex ia IIC T4 Gb

IECEX


Ex ia IIC T4 Gb

NEC


Class I, Division 1, Groups A-D, T4
Class I, Division 2, Groups A-D, T4
Class I, Zone 1, AEx ia IIC T4 Gb
Class I, Zone 1, Ex ia IIC T4 Gb

CERTIFICATION

PCEC


Ex ia IIC T4 Gb

INMETRO


Ex ia IIC T4 Gb

TR CU


1Ex ia (op is Ga) IIC T4 Gb X

QUICK AND EASY

This intrinsically safe Fluke 568 EX infrared thermometer is the ideal companion for taking complex measurements in hazardous areas easily and efficiently. Due to the ergonomic and rugged design, even in harsh environments the 568 EX is the ideal device. The thermometer can be used to capture and recall up to 99 values at one time. The adjustable emissivity feature allows you to take readings from a range of different materials during your round thanks to the integrated material table.

TECHNICAL DATA

Ambient temperature	0 °C ... +50 °C (+32°F ... +122°F)
Infrared temperature range	-40 °C...+800 °C (-104 °F...+1472 °F)
Display resolution	0.1 °C / 0.1 °F
Infrared response time	<500 ms
Distance to measurement spot size (D:S)	50:1
Storage	Up to 99 points with time and date
Accuracy	>0 °C +-1 °C or 1 %, whichever is greater
Emissivity adjustment	Digitally from 0.1 to 1.00 by 0.01
Min/Max/Avg/Dif	Yes
Laser sighting	Single-point laser
Power supply	2x AAA, type approved
Battery life	4 h (continuous operation)
Dimensions	175 x 166 x 55 mm
Weight	Approx. 365 g (12.87 oz)

Infrared-Thermometer **FLUKE 568 EX**

FOR ZONE 1

FEATURES & FUNCTIONS

- Precise measurements with accuracy
- Easily measure hard-to-reach objects
- Measurements from Zone 1 into Zone 0
- Measurements of moving materials
- Easy emissivity adjustment
- Data logging up to 99 points
- 6 languages available

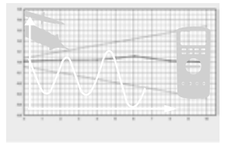
STANDARD DELIVERY

- Fluke 568 EX
- Batteries
- Leather case
- Carrying case
- Documentation
- K-type thermocouple

APPROVALS

The Fluke 568 EX combines a large number of worldwide approvals for use in potentially explosive environments – from ATEX to IECEx and NEC – meaning that it is no longer necessary to deploy and integrate different equipment on different continents.
This makes the thermometer a perfect example of portable, intrinsically safe measuring instruments – not least of all due to the numerous features unique to measurement devices in potentially explosive areas.

ACCESSORIES

ARTICLE NO.	PRODUCT DESCRIPTION	
A0001160	WKS-Calibration	
A0001161	DAkkS-Calibration	
A0001162 	Leather grip LH568