Measurement and Maintenance

Safe and Easy to Operate



Successful production and effective quality assurance depend on accurate equipment and precise data. This means that regular measurement is among the most important and most challenging tasks that companies have to perform. Pepperl+Fuchs offers a wide range of safe and reliable mobile solutions for measurement in hazardous and non-hazardous areas.

Multimeter FLUKE 28 II EX



- CAT III 1000 V/CAT IV 600 V
- Dustproof, waterproof (IP67)
- Measures up to 1000 V/10 A (outside of the hazardous area)
- Min/max/avg and peak capture
- Low-pass filter for accurate measurements on variable speed motor drives
- Input alert
- 4,5" digit display (20,000 counts) with backlight

Measurement range	Information: www.pepperl-fuchs.com
Storage temperature	–40 °C ... +60 °C (-40 °F ... +140 °F) (without batteries)
Operating time	approx. 400 h
Power supply	3 x AAA (type-proofed)
Dimensions	approx. 210 mm x 100 mm x 64 mm (~ 8.3" x 3.9" 2.5") with holster
Weight	approx. 690 g (~ 24.3 oz)
Protective rating	IP67

Zone 1/M1

Infrared Thermometer FLUKE 568 EX



- Precise measurements
- Easily measure hard-to-reach objects
- Measure from Zone 1 to Zone 0
- Measures moving materials
- Easy emissivity adjustment
- Data logging up to 99 measurement points
- Six languages available

Infrared temperature range	–40 °C ... +800 °C (–104 °F ... +1,472 °F)
Display	0.1 °C / 0.1 °F
Accuracy	>0 °C ± 1 °C or 1 %, whichever is greater
Distance to measurement spot size (D:S)	50 : 1
Battery life	4 h (continuous operation)
Power supply	2 x AAA (type-proofed)
Emissivity adjustment	Digitally from 0.1 to 1.0 by 0.01

Zone 1/Div.1

Magnet Probe Magnet-Ex 12



- Highly sensitive probe point
- No contact with test object required
- Resistant to dirt
- Optical indication
- Built-in test magnet for testing Magnet-Ex 12 and for battery check
- IP54

Magnetic field types	Alternating, direct, and permanent fields
Ambient temperature	–20 °C ... +50 °C (–4 °F ... +122 °F)
Storage temperature	–40 °C ... +60 °C (–40 °F ... +140 °F)
Power supply	2 x LR03 according to IEC (type-proofed)
Dimensions	150 mm x 18 mm (L x ø) (~ 5.9" x 0.7")
Weight	approx. 60 g (~ 2.1 oz) with batteries

Zone 1

Wall Clock Ex-Time 40



- Quartz movement
- Robust metal housing
- Simple daylight saving

Ambient temperature	±0 °C ... +50 °C (+32 °F ... +122 °F)
Accuracy	–5 / +15 seconds per month
Operating time	1 year
Power supply	1 x LR14 according to IEC (type-proofed)
Dimensions	400 mm x 60 mm (~ 15.7" x 2.4")
Weight	approx. 2.0 kg (~ 70.5 oz)

Zone 1/Div.1

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