MR12 Ball probe moisture sensor accessory

P/N: MR12

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Website

http://www.flir.com

Customer support

http://support.flir.com

Disclaimer

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General description	
Part number	MR12
Part name	Ball probe moisture sensor accessory

The MR12 is a moisture sensor accessory for FLIR moisture meters MR60, MR160 and MR176. The Ball tip design makes it easy to run over, and around objects on the measuring surface. This combined with the non-invasive measurement principle, allows you to cover a large target area in short time without leaving a mark. Use with the optional MR04 extension pole to reduce the need for a ladder, or to optimize ergonomics for 'high' and 'low' measuring targets.

The MR12's extended range reduces the risk of underestimating the remediation work scope by missing moisture problems not present at, or close to the measuring surface.

With up to 100 mm (4 in) penetration depth, depending on material type, vs the 19 mm (¾ in.) for typical pin- less sensors on the market, the MR12 is the 'must have' sensor on jobs where deeply situated moisture problems pose a risk.

- Wide range of common building materials supported.
- Handgrip designed to avoid hand interfering with measurement.
- 'set relative zero' feature.
- Robust/ rugged/ Reliable

Measurement	
Measurement Range	0% to 100%
Measurement Accuracy	Relative measurement
Measurement detection depth	Sensing depth up to 100 mm (4.0 in.), depending on material under test.

Meter data	
Measurement Principle	Capacitance ball sensor (non-invasive)
Warranty	https://www.flir.com/testwarranty
Calibration cycle	N/A

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Certifications	
Certifications	CE, RCM

Power system	
Power requirements	9V battery (rear compartment)
Battery life	40 hours typical, W.O Worklight
Battery status LED (On/Off button)	LED fully ON: 50 ~ 100% LED flashes once/second: 20 ~49% LED flashes 3x/second: < 20 % LED flashes and turns off: 0%
Auto Power Off (APO)	After 5 minutes

Environmental data	
Drop test	2 m (6.6 ft.)
Ingress Protection Rating	IP40
Operating Temperature	0 to 50°C (32 to 122°F)

Physical data	
Weight	295 g (10.4 oz)
Dimensions (H × W × L)	Probe handle body (without sensor): 174 x 67 x 37 mm (6.85 x 2.63 x 1.45 in.) Sensor: 25 x 25 x 66 mm (0.98 x 0.98 x 2.59 in.)
Cable length	1.8 m (6 ft) uncoiled
Material	Impact resistant plastic
Color	Black

Shipping information	
Packaging type	Gift box with colored sleeve
Packaging contents	• MR12 Non- invasive Ball type moisture sensor accessory for FLIR Moisture meters • 1 × 9V alkaline battery • User manual • Warranty card • Line card
Packaging weight	0.36 kg (0.8 lb.)
Packaging dimensions (H × W × L)	15.0 × 5.0 × 28.7 cm (5.9 ×2.0 × 11.3 in.)
Carton weight	11.8 kg (32.4 lb.)
Carton dimensions (H × W ×L)	47 × 58 × 27 cm (18.5 × 22.8 × 10.6 in.)
Carton quantity	30
EAN-13	0793950371121
UPC-12	793950371121
Country of origin	China
Tariff code	9027.80.4560

Technical support	
Website	http://support.flir.com

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Compatible with the following products:

- MR160; FLIR MR160: Imaging Moisture Meter with IGM
- MR176; FLIR MR176: Imaging Moisture Meter Plus with IGM
- MR265; FLIR MR265: Moisture Meter and Thermal Imager with MSX
- MR277; FLIR MR277: Building Inspection System with Moisture Hygrometer and MSX IR Camera
- MR60; FLIR MR60: Moisture Meter Pro