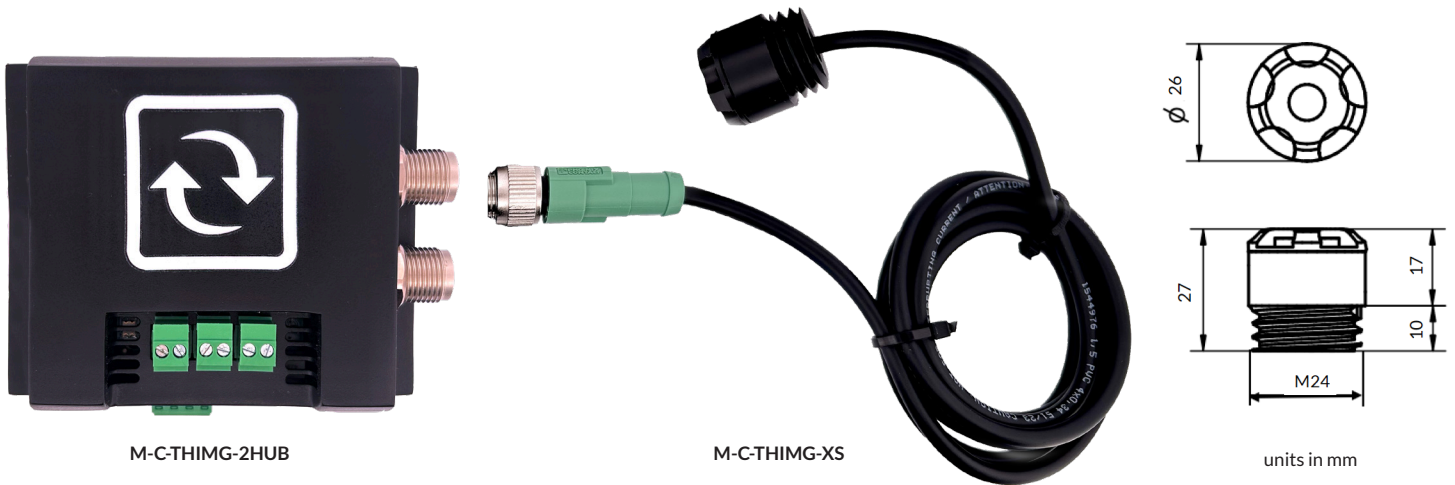




## Cylindrical Thermography Sensor (M-C-THIMG-XS)



The M-C-THIMG-XS is a continuous thermography monitoring sensor that provides full live thermal image of the object and equipment it sees. Delivering 192 temperature measurement points analyzed every 2 seconds across two reporting zones, it supports Modbus TCP & RTU, BACnet/IP, SNMP, and MQTT open protocols. This sensor features a compact, cylindrical, probe-style housing—ideal for flexible placement where rack or DIN mounts won't fit, such as inside enclosures, cabinets, and tight switchgear spaces.

### Sensor Metrics:

FIR target temperature range	-40°C to 300°C (-40°F to 572°F)
FIR temperature accuracy	±1°C (±1.8°F)
FIR temperature scanning	4 seconds
FIR Field of View (FoV)	110° horizontal (wide) 75° vertical
FIR max object distance	Up to 5m
FIR resolution	16x12 pixels

### Technical Specifications:

Powered by and communicates with	M-C-THIMG-2HUB (required)
Sensor power usage	80mW
Connectivity	Connects to the M-C-THIMG-2HUB via Female Connector

### Environmental Specifications:

Operating temperature range	-40°C to +85°C (-40°F to 185°F)
Humidity (operating and storage)	<90% RH (non-condensating)

### Physical Specifications:

Sensor enclosure	UL-rated plastic enclosure
Mounting option	Can be secured by M24 nuts
Dimensions	L: 27.5mm (1.08") Ø: 26mm (1.02")
Weight	70g (0.17lbs)
Cable specification	1.5m PVC sensor cable with female connector



## Cylindrical Thermography Sensor (M-C-THIMG-SM)



M-C-THIMG-2HUB

M-C-THIMG-SM

units in mm

The M-C-THIMG-SM is a continuous thermography monitoring sensor that provides full live thermal image of the object and equipment it sees. Delivering 768 temperature measurement points analyzed every 2 seconds across two reporting zones, it supports Modbus TCP & RTU, BACnet/IP, SNMP, and MQTT open protocols. This sensor features a compact, cylindrical, probe-style housing—ideal for flexible placement where rack or DIN mounts won't fit, such as inside enclosures, cabinets, and tight switchgear spaces.

### Sensor Metrics:

FIR target temperature range	-40°C to 300°C (-40°F to 572°F)
FIR temperature accuracy	±1°C (±1.8°F)
FIR temperature scanning	4 seconds
FIR Field of View (FoV)	110° horizontal (wide) 75° vertical
FIR max object distance	Up to 5m
FIR resolution	32x24 pixels

### Technical Specifications:

Powered by and communicates with	M-C-THIMG-2HUB (required)
Sensor power usage	80mW
Connectivity	Connects to the M-C-THIMG-2HUB via Female Connector

### Environmental Specifications:

Operating temperature range	-40°C to +85°C (-40°F to 185°F)
Humidity (operating and storage)	<90% RH (non-condensating)

### Physical Specifications:

Sensor enclosure	UL-rated plastic enclosure
Mounting option	Can be secured by M24 nuts
Dimensions	L: 27.5mm (1.08") Ø: 26mm (1.02")
Weight	70g (0.17lbs)
Cable specification	1.5m PVC sensor cable with female connector