

› em4, Millenium 3

Accessories

Temperature sensors

› Integrated converter: 0-10 V $\overline{\text{~}}$ / 4-20 mA output for direct connection to the em4 and Millenium 3 analog inputs



Zone/space probe



Remote/submersible probe



External probe

Specific Characteristics						
Description	Range	Accuracy	Supply	Protection casing	Protection probe	Code
Zone/space probe	-10 \rightarrow +50 °C	See curve	24 V $\overline{\text{~}}$	IP30	-	89 750 190
External probe	-30 \rightarrow +70 °C	See curve	24 V $\overline{\text{~}}$	IP65	-	89 750 192
Remote/submersible probe	-10 \rightarrow +110 °C	See curve	24 V $\overline{\text{~}}$	IP65	IP67	89 750 193

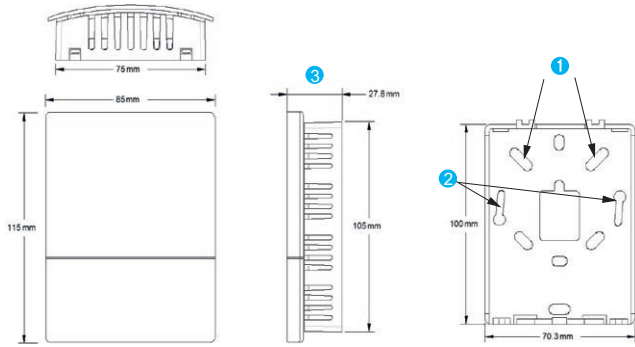
Accessories			
Description	Accuracy	Protection casing	Code
316 stainless steel protective sleeve	-20 \rightarrow +400 °C	16 bar	89 750 147

General characteristics	
Environmental characteristics	
Ambient characteristics	-10 \rightarrow +40 °C
Ambient humidity	0 \rightarrow 95 % RH no condensing
Housing material	ABS (flame retardant)
Electrical characteristics	
Supply voltage	24 V $\overline{\text{~}}$
Output	0 \rightarrow 10 V $\overline{\text{~}}$ / 4 - 20 mA self-detecting (not loop powered)

Diagrams

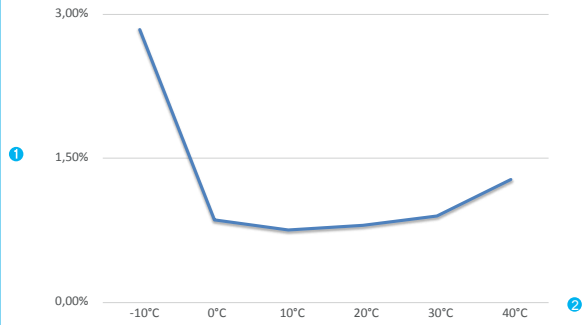
Dimensions (mm)

89 750 190



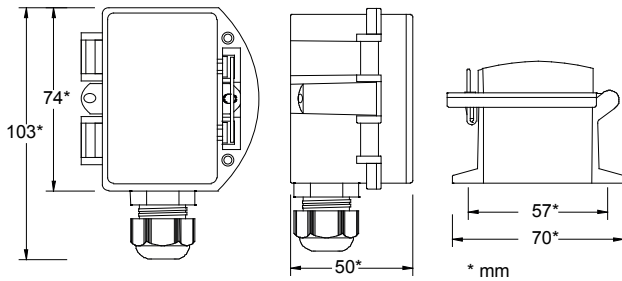
- 1 Cut-outs made prior to delivery
- 2 Fixing holes
- 3 Total depth 27.8 mm

89 750 190



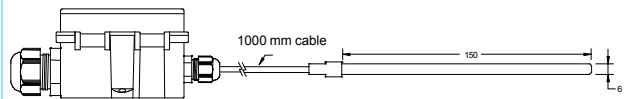
- 1 Accuracy
- 2 Temperature

89 750 192



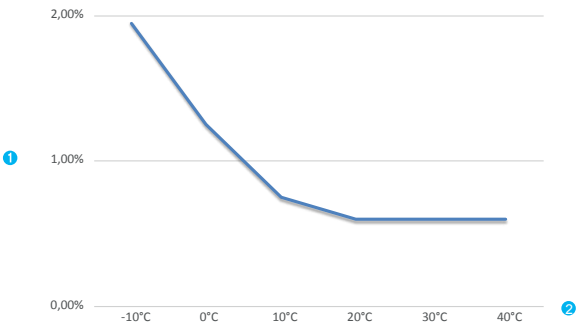
- 1 Accuracy
- 2 Temperature

89 750 193



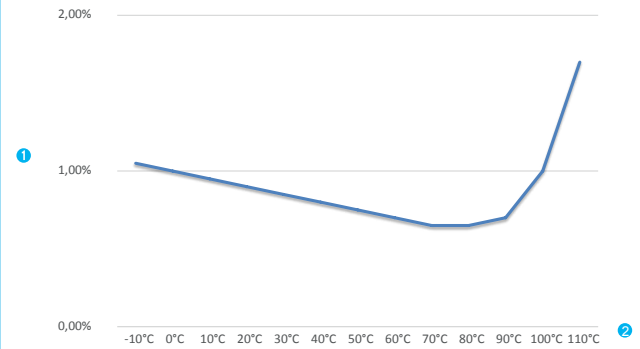
- 1 Accuracy
- 2 Temperature

89 750 192



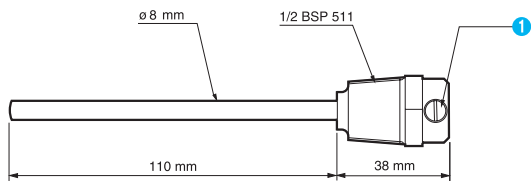
- 1 Accuracy
- 2 Temperature

89 750 193



- 1 Accuracy
- 2 Temperature

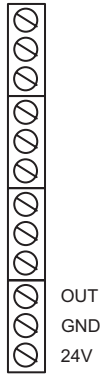
Accessory 89 750 147 for 89 750 193



- 1 M4 screw

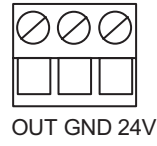
Connections

89 750 190



OUT Auto-selecting 0-10 V_{DC} or 4-20 mA (3-wire) output
GND Common 0V
24V Supply +24 V_{AC} or V_{DC}

89 750 192 / 89 750 193



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GND Common 0V
24V Supply +24 V_{AC} or V_{DC}