

Millenium 3 accessories

→ Temperature sensors

- Integrated converter: 0-10 V $\overline{\text{---}}$ output for direct connection to the Millenium 3 analogue outputs



Space/Zone Sensor



Ventilation duct



External Sensor

Part numbers

| Type | Description | Range | Accuracy | Supply | Protection casing | Protection probe | Code |
|------|---------------------------------|--------------|-----------------|------------------------------|-------------------|------------------|----------|
| AS | Zone/space | -10 → +40°C | -0.2 °C + 1.2°C | 24 V $\overline{\text{---}}$ | IP30 | | 89750150 |
| | Ventilation duct | -10 → +60°C | -0.2 °C + 1.9°C | 24 V $\overline{\text{---}}$ | IP65 | IP30 | 89750151 |
| | External | -10 → +40°C | -0.2 °C + 1.2°C | 24 V $\overline{\text{---}}$ | IP65 | | 89750152 |
| | Remote/ submersible probe | -10 → +150°C | -0.2 °C + 1.2°C | 24 V $\overline{\text{---}}$ | IP65 | IP67 | 89750153 |
| | Remote/ submersible probe | -40 → +20°C | -0.2 °C + 1.9°C | 24 V $\overline{\text{---}}$ | IP65 | IP67 | 89750155 |

Accessories

| Accessories | Operating temperature | Operating pressure | Code |
|---------------------------------------|-----------------------|--------------------|----------|
| Copper protective sleeve | -20 → +100°C | 10 bar | 89750146 |
| Stainless steel 316 protective sleeve | -20 → +400°C | 16 bar | 89750147 |
| Heat transfer compound | - | - | 18373112 |

General characteristics

Environmental characteristics

| | |
|---------------------|--------------------|
| Ambient temperature | -10 → +60°C |
| Ambient humidity | 5 → 95% RH |
| Housing material | Self-extinguishing |

Electrical characteristics

| | |
|-----------------------------------|---|
| Supply voltage | 24 V $\overline{\text{---}}$ ($\pm 10\%$) |
| Output | 0 → 10 V $\overline{\text{---}}$ |
| Temperature coefficients Derating | 0.01%/°C of full scale |
| Temperature coefficients Offset | 1.5 mV / °C |

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