



## Temperature sensors AS Part number 89750151



- Integrated converter : 0-10 V DC output for direct connection to the Millenium 3 analogue inputs

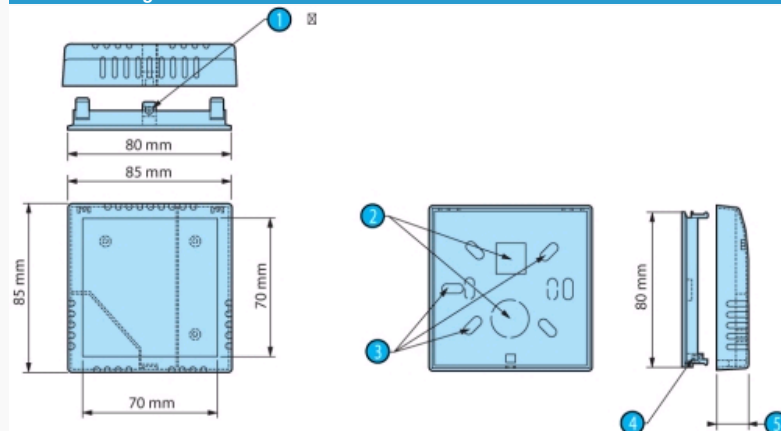
|          | Type | Description              | Range         | Accuracy         | Supply  | Protection casing | Protection probe |
|----------|------|--------------------------|---------------|------------------|---------|-------------------|------------------|
| 89750150 | AS   | Zone/space        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

### Environmental characteristics

|                                   |                          |
|-----------------------------------|--------------------------|
| Ambient temperature               | -10 → +60 °C             |
| Ambient humidity                  | 5 → 95 % RH              |
| Housing material                  | Self-extinguishing       |
| Electrical characteristics        |                          |
| Supply voltage                    | 24 V DC (± 10 %)         |
| Output                            | 0 → 10 V DC              |
| Temperature coefficients Derating | 0.01 %/ °C of full scale |
| Temperature coefficients Offset   | 1,5 mV / °C              |

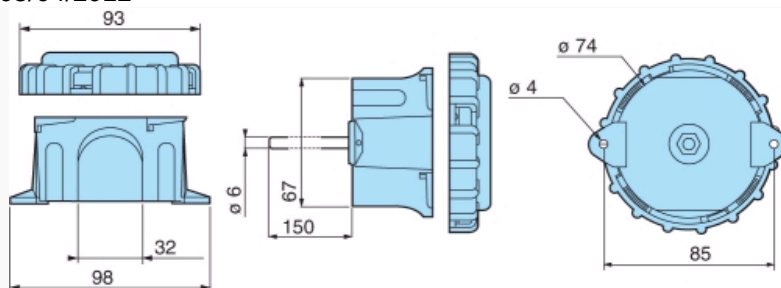
| Accessories                           | Operating temperature | Operating pressure | Code     |
|---------------------------------------|-----------------------|--------------------|----------|
| Copper protective sleeve              | -20 → +100 °C         | 10 bar             | 89750146 |
| 316 stainless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

### Dimension Diagram : 89750150

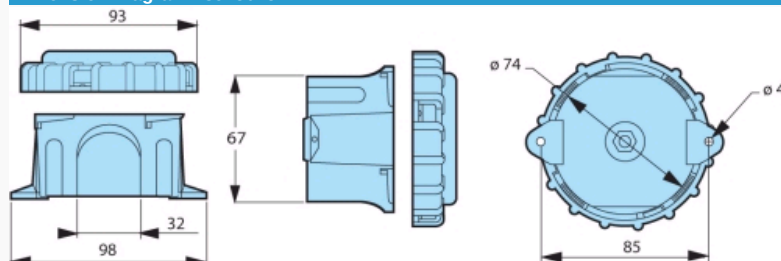


| N° | Legend                          |
|----|---------------------------------|
| 1  | Ø3 mm for M3 x 8 screw          |
| 2  | Cut-outs made prior to delivery |
| 3  | Fixing holes                    |
| 4  | Indentation for M3 square nut   |
| 5  | Total depth 26 mm               |

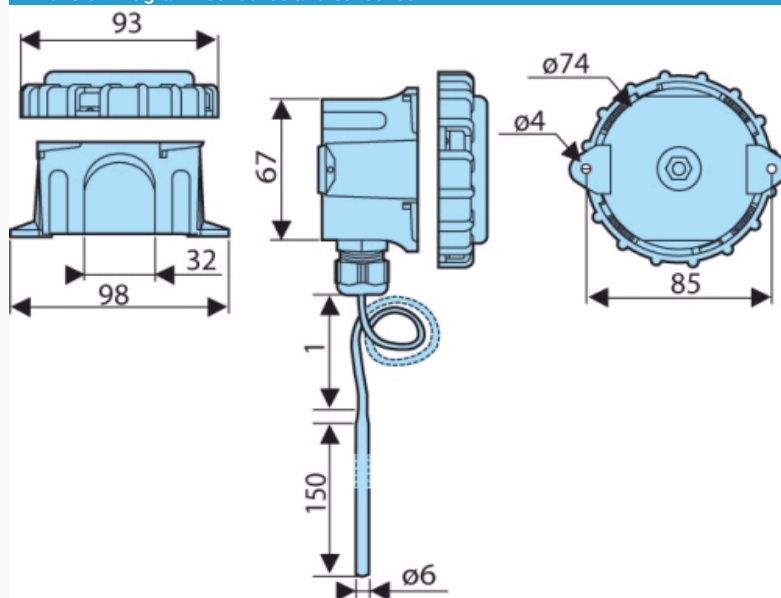
### Dimension Diagram : 89750151



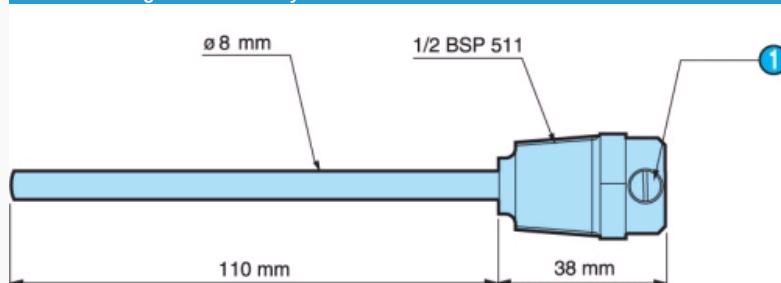
Dimension Diagram : 89750152



Dimension Diagram : 89750153 and 89750155



Dimension Diagram : Accessory for 89750153 and 89750155



| N° | Legend   |
|----|----------|
| 1  | M4 screw |