

# E650C-R Gutter Sensor for Elexant 650c-Modbus



Rod-shaped sensor E650C-R for combined measurement of temperature and moisture values in gutters and neighbouring areas, such as flat roofs and downpipes to be used with Elexant 650c-Modbus. Robust version made of brass, fully encapsulated. Extremely compact design with axial cable outlet and threaded bolt for fixing in position. Optional mounting plate for sensor E650C-R can be used with sensor height adjustment above the mounting surface. The mounting plate can be matched to the mounting location by bending and then attached by gluing or soldering. Two material versions are available for suitable material combinations in gutter and flat roof applications.

## FEATURES

Cable connection: Axial

Connection cable: 4 x 0.5 mm<sup>2</sup>

Temperature range for moisture measurement: -20°C to 30°C

## SPECIFICATIONS

Table 1/2

| Catalog Number | Item Name                 | Communication | Depth | Hazardous Area | Height | IP Rating |
|----------------|---------------------------|---------------|-------|----------------|--------|-----------|
| 1244-022799    | RAYSENS-RGDI-6-BRACKET-CU | No            | 80 mm | No             | 2 mm   | IP68      |
| 1244-022798    | RAYSENS-RGDI-6-BRACKET-ZN | No            | 80 mm | No             | 2 mm   | IP68      |
| 1244-022795    | RAYSENS-RGDI-6            | No            | 96 mm | No             | 14 mm  | IP68      |

Table 2/2

| Catalog Number | Item Name                 | Measuring Range | Width  |
|----------------|---------------------------|-----------------|--------|
| 1244-022799    | RAYSENS-RGDI-6-BRACKET-CU |                 | 132 mm |

| Catalog Number | Item Name                 | Measuring Range | Width  |
|----------------|---------------------------|-----------------|--------|
| 1244-022798    | RAYSENS-RGDI-6-BRACKET-ZN |                 | 132 mm |
| 1244-022795    | RAYSENS-RGDI-6            | -20 to 30 °C    | 14 mm  |

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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