

**Valve plug MJC 90° with cable LED+VDR**

RADOX EM 104 2x0.75 bk 20m

Female 90°

12...24 V AC/DC

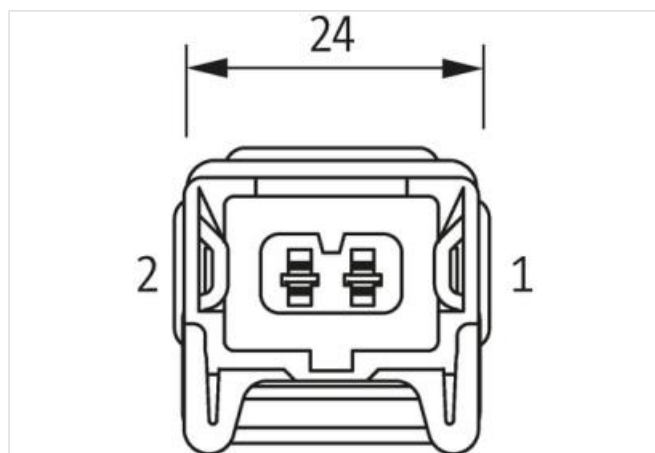
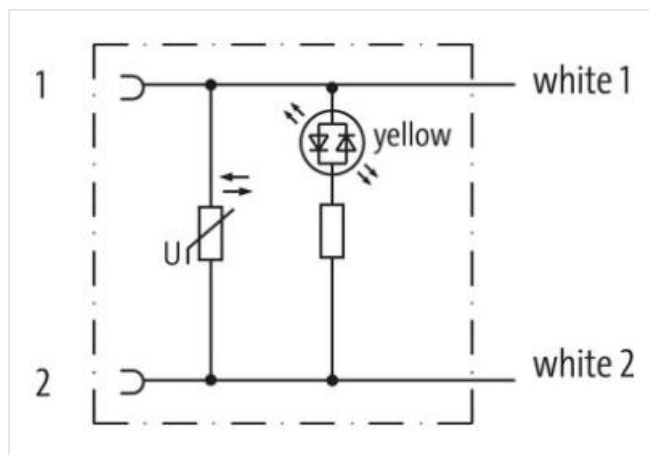
LED and VDR

with cable sleeves

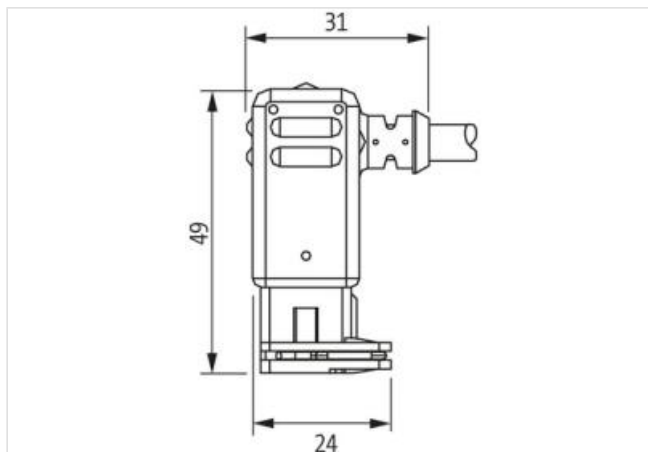
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link a termékhez](#)**Ábrák**

Szimbolikus ábra



Cable length 20 m

**Side 2**

Stripping length (jacket) 50 mm

**Commercial data**

ECLASS-6.0 27279221

ECLASS-7.0 27440104

ECLASS-8.0 27440104

|                       |               |
|-----------------------|---------------|
| ECLASS-9.0            | 27440102      |
| ECLASS-10.1           | 27060312      |
| ECLASS-11.1           | 27060312      |
| ECLASS-12.0           | 27060312      |
| ETIM-5.0              | EC001855      |
| customs tariff number | 85444290      |
| GTIN                  | 4048879699853 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                                    |      |
|------------------------------------|------|
| Operating voltage AC min.          | 12 V |
| Operating voltage AC max.          | 24 V |
| Operating voltage DC min.          | 12 V |
| Operating voltage DC max.          | 24 V |
| Current operating per contact max. | 4 A  |

**Diagnostics**

|                       |        |
|-----------------------|--------|
| Status indication LED | yellow |
|-----------------------|--------|

**Installation | Connection**

|                           |       |
|---------------------------|-------|
| Stripping length (jacket) | 50 mm |
|---------------------------|-------|

**Device protection | Electrical**

|                              |          |
|------------------------------|----------|
| Pollution Degree             | 3        |
| Rated surge voltage          | 0,8 kV   |
| Material group (IEC 60664-1) | I        |
| Additional suppressor        | Varistor |

**Device protection | Media**

|                  |                 |
|------------------|-----------------|
| Flame resistance | flame retardant |
|------------------|-----------------|

**Mechanical data | Material data**

|                  |         |
|------------------|---------|
| Color housing    | black   |
| Material housing | Plastic |

**Environmental characteristics | Climatic**

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -25 °C                     |
| Operating temperature max.             | 85 °C                      |
| Additional condition temperature range | depending on cable quality |

**Important installation notes**

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note on strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| Note on bending radius | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |

**Installation | Cable**

|                                          |                         |
|------------------------------------------|-------------------------|
| Cable identification                     | R21                     |
| Printing color of wire insulation        | black (white isolation) |
| Jacket Color                             | black                   |
| Stranding                                | 2 wires twisted         |
| Filler                                   | yes                     |
| wire arrangement                         | white 1, white 2        |
| Cable weight                             | 48,4 g/m                |
| Material jacket                          | Radox EM 104            |
| Outer-diameter (jacket)                  | 4,75 mm                 |
| Tolerance outer diameter (sheath)        | ± 5 %                   |
| Material wire insulation                 | Radox EI 303            |
| Amount wires                             | 2                       |
| Outer diameter insulation                | 1,62 mm                 |
| Outer diameter tolerance core insulation | ± 5 %                   |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Printing color of wire insulation                 | black (white isolation)                              |
| Amount strands (wire)                             | 19                                                   |
| Diameter of single wires                          | 0,23 mm                                              |
| Conductor crosssection (wire)                     | 0,75 mm <sup>2</sup>                                 |
| Material conductor wire                           | copper stranded wire, tinned                         |
| Max. rated voltage (conductor - conductor)        | 1000 V                                               |
| Max. rated voltage (conductor - ground)           | 600 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 12 A                                                 |
| Electrical resistance line constant wire          | 26 Ω/km @ 20 °C                                      |
| AC withstand voltage (wire - wire)                | 3,5 kV                                               |
| Power frequency withstand voltage (wire - jacket) | 3,5 kV                                               |
| Min. operating temperature (static)               | -50 °C                                               |
| Max. operating temperature (fixed)                | 120 °C                                               |
| Operating temperature min. (dynamic)              | -25 °C                                               |
| Operating temperature max. (dynamic)              | 90 °C                                                |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)                            | 3 x Outer diameter                                   |
| Bending radius (dynamic)                          | 4 x Outer diameter                                   |