

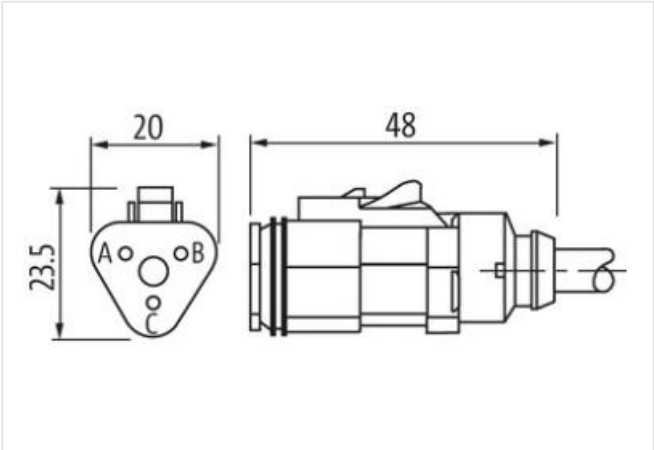
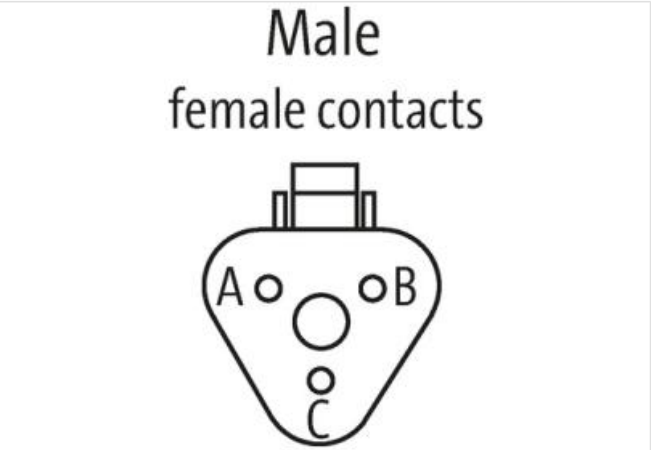
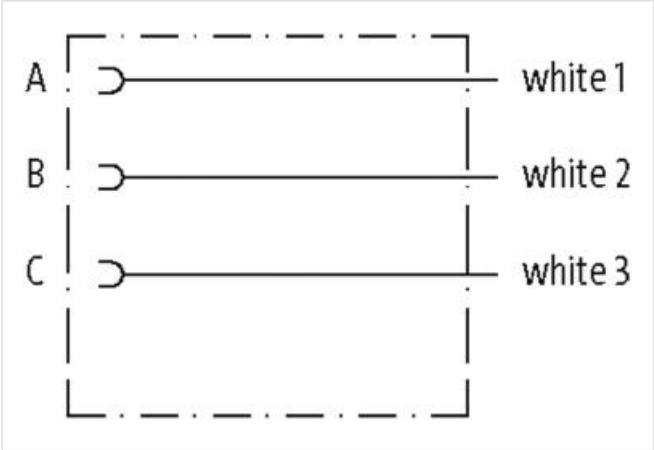
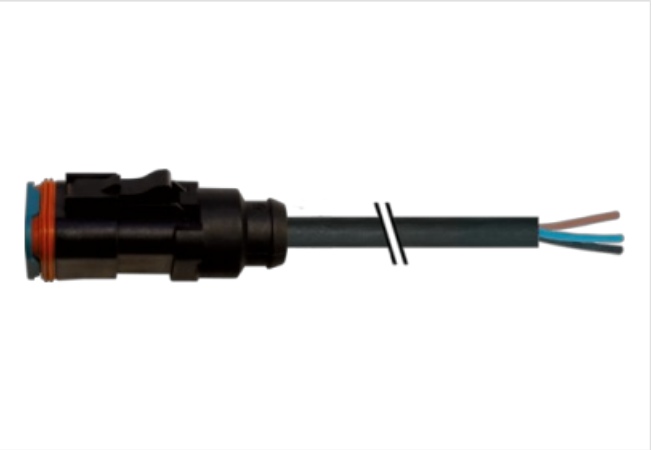
Valve plug MDC06-3s with cable

RADOX EM 104 3x0.5 bk 3m

Xtreme - Outdoor  
Male straight  
6...230 V AC/DC  
3-pole  
without components  
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 naar het product](#)

Afbeelding



Product van afwijken van afbeelding

|                          |               |
|--------------------------|---------------|
| Cable length             | 3 m           |
| Side 1                   |               |
| Mounting method          | inserted      |
| Coating contact          | nickel plated |
| Family construction form | MDC           |

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material contact                                | Copper alloy                                                                                                                                          |
| No. of poles                                    | 3                                                                                                                                                     |
| <b>Side 2</b>                                   |                                                                                                                                                       |
| Stripping length (jacket)                       | 40 mm                                                                                                                                                 |
| <b>Commerciële gegevens</b>                     |                                                                                                                                                       |
| ECLASS-6.0                                      | 27279218                                                                                                                                              |
| ECLASS-7.0                                      | 27279218                                                                                                                                              |
| ECLASS-8.0                                      | 27279218                                                                                                                                              |
| ECLASS-9.0                                      | 27060311                                                                                                                                              |
| ECLASS-10.1                                     | 27060312                                                                                                                                              |
| ECLASS-11.1                                     | 27060312                                                                                                                                              |
| ECLASS-12.0                                     | 27060312                                                                                                                                              |
| ETIM-5.0                                        | EC001855                                                                                                                                              |
| Douane tarief nummer                            | 85444290                                                                                                                                              |
| GTIN                                            | 4048879810180                                                                                                                                         |
| Verpakkingseenheid                              | 1                                                                                                                                                     |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| Operating voltage AC min.                       | 6 V                                                                                                                                                   |
| Operating voltage AC max.                       | 230 V                                                                                                                                                 |
| Operating voltage DC min.                       | 6 V                                                                                                                                                   |
| Operating voltage DC max.                       | 230 V                                                                                                                                                 |
| Current operating per contact max.              | 8 A                                                                                                                                                   |
| <b>Diagnostics</b>                              |                                                                                                                                                       |
| Status indication LED                           | no                                                                                                                                                    |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Stripping length (jacket)                       | 40 mm                                                                                                                                                 |
| Family construction form                        | Amphenol AT06-3S                                                                                                                                      |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Degree of protection (EN IEC 60529)             | IP68                                                                                                                                                  |
| Additional condition protection degree          | inserted, screwed                                                                                                                                     |
| Pollution Degree                                | 3                                                                                                                                                     |
| Rated surge voltage                             | 2,5 kV                                                                                                                                                |
| Material group (IEC 60664-1)                    | I                                                                                                                                                     |
| Additional suppressor                           | without components                                                                                                                                    |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                       |
| Material gasket                                 | Silicon                                                                                                                                               |
| Material housing                                | PA                                                                                                                                                    |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Looking techniques                              | Snap-in connector                                                                                                                                     |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                       |
| Operating temperature min.                      | -25 °C                                                                                                                                                |
| Operating temperature max.                      | 85 °C                                                                                                                                                 |
| Additional condition temperature range          | depending on cable quality                                                                                                                            |
| <b>Important installation notes</b>             |                                                                                                                                                       |
| 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. |
| <b>Installation   Cable</b>                     |                                                                                                                                                       |
| Cable identification                            | R02                                                                                                                                                   |
| Printing color of wire insulation               | black (white isolation)                                                                                                                               |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Printing spacing of wire insulation               | 15 mm                                                |
| Jacket Color                                      | black                                                |
| Stranding                                         | 3 wires twisted                                      |
| wire arrangement                                  | white 3, white 2, white 1                            |
| Cable weight                                      | 41,8 g/m                                             |
| Material jacket                                   | Radox EM 104                                         |
| Outer-diameter (jacket)                           | 4,6 mm                                               |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                |
| Material wire insulation                          | Radox EI 303                                         |
| Amount wires                                      | 3                                                    |
| Outer diameter insulation                         | 1,42 mm                                              |
| Outer diameter tolerance core insulation          | ± 5 %                                                |
| Printing color of wire insulation                 | black (white isolation)                              |
| Printing spacing of wire insulation               | 15 mm                                                |
| Amount strands (wire)                             | 19                                                   |
| Diameter of single wires                          | 0,18 mm                                              |
| Conductor crosssection (wire)                     | 0,5 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                   | 9 A                                                  |
| Electrical resistance line constant wire          | 40,1 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                                                |
| UV resistance                                     | DIN EN ISO 4892-2 A                                  |
| Flame resistance                                  | UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)                            | 3 x Outer diameter                                   |
| Bending radius (dynamic)                          | 4 x Outer diameter                                   |