

## M8 Field Attachable Connectors

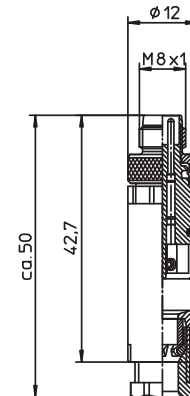
### RSMCK | RKMCK



#### Male, 3- and 4-Pole

Field attachable connector, M8 male connector, 3- and 4-pole with threaded joint, assembling with screw terminals.

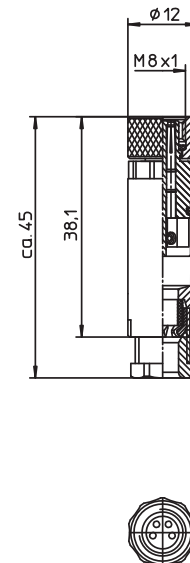
#### RSMCK



#### Female, 3- and 4-Pole

Field attachable connector, M8 female connector 3- and 4-pole with threaded joint, assembling with screw terminals.

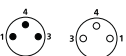
#### RKMCK



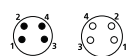
### Pin Assignments

#### Face Views / M12, Male / Female

##### 3 pole



##### 4 pole





# Be Certain with Belden

## M8 Field Attachable Connectors

RSMCK | RKMCK

### Technical Data

#### Environmental

|                             |                                |
|-----------------------------|--------------------------------|
| Degree of protection        | IP 67 / NEMA 6P                |
| Operating temperature range | -40°C (-40°F) / +85°C (+185°F) |

#### Mechanical

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Housing / Molded body | PA                                                  |
| Insert                | TPU, self-extinguishing                             |
| Contact               | CuZn, pre-nickel-plated and 0.8 microns gold-plated |
| Receptacle shell      | CuZn, nickel-plated                                 |
| O-ring                | FKM                                                 |
| Mode of connection    | Screw terminals                                     |
| Connectable conductor | 0.14-0.50 mm <sup>2</sup>                           |

#### Electrical

|                         |                                                          |
|-------------------------|----------------------------------------------------------|
| Contact resistance      | ≤ 5 mΩ                                                   |
| Nominal current at 40°C | 4 A                                                      |
| Nominal voltage         | 3 poles 60 V<br>4 poles 30 V                             |
| Rated voltage           | 3 poles 63 V<br>4 poles 36 V                             |
| Test voltage            | 3 poles 1.5 kV eff. / 60 s<br>4 poles 0.8 kV eff. / 60 s |
| Insulation resistance   | > 10 <sup>9</sup> Ω                                      |
| Pollution degree        | 3                                                        |

| Part Number | Pins          | Cable Diameter Range | Characteristics |
|-------------|---------------|----------------------|-----------------|
| <b>Male</b> | <b>Female</b> |                      |                 |
| RSMCK 3     | RKMCK 3       | 3                    | Ø 3.5-5.0 mm    |
| RSMCK 4     | RKMCK 4       | 4                    | Ø 3.5-5.0 mm    |

