

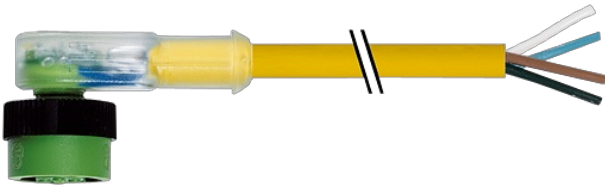
**MQ12 FEMALE 90° LED**

PVC 4X0.34 YELLOW, 3m

Female 90°  
MQ12, 4-pole  
3× LED (PNP)  
with cable sleeves  
Further cable lengths on request.  
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.

[Link to Product](#)

Illustration



Product may differ from Image

Approvals

|        |                                                |
|--------|------------------------------------------------|
| cCSAus | * only for products with UL/CSA approved cable |
|--------|------------------------------------------------|

Form

|      |       |
|------|-------|
| Form | 12421 |
|------|-------|

General data

|                   |                                          |
|-------------------|------------------------------------------|
| Temperature range | -25...+85 °C, depending on cable quality |
|-------------------|------------------------------------------|

Cables

|                                    |                                         |
|------------------------------------|-----------------------------------------|
| No./diameter of wires              | 4× 0.34 mm²                             |
| Wire isolation                     | PVC (br, wh, bl, bk)                    |
| Material (jacket)                  | PVC (UL/CSA)                            |
| Outer Ø                            | 5.0 mm ±5%                              |
| Bend radius (moving)               | 10× outer Ø                             |
| Temperature range (fixed)          | -30...+80 °C                            |
| Temperature range (mobile)         | -5...+80 °C                             |
| Cable identification               | 014                                     |
| Cable Type                         | 1 (PVC)                                 |
| Approval (cable)                   | UL (AWM-Style 2464/1731), CSA           |
| Cable weight [g/m]                 | 40,70                                   |
| Material (wire)                    | Cu wire, bare                           |
| Resistor (core)                    | max. 60 Ω/km (20 °C)                    |
| Single wire Ø (core)               | 0.15 mm                                 |
| Construction (core)                | 19× 0.15 mm (multi-strand wire class 5) |
| Diameter (core)                    | 4× 0.34 mm²                             |
| AWG                                | similar to AWG 22                       |
| Material (wire isolation)          | PVC                                     |
| Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free |

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| Shore hardness (wire isolation) | 45 ±5 D                                        |
| Wire-Ø incl. isolation          | 1.25 mm ±5%                                    |
| Color/numbering of wires        | br, bk, bl, wh                                 |
| Stranding combination           | 4 wires twisted                                |
| Shield                          | no                                             |
| Material (jacket)               | PVC                                            |
| Material property (jacket)      | CFC-, cadmium-, silicone- and lead-free        |
| Shore hardness (jacket)         | 85 ±5 A                                        |
| Outer-Ø (jacket)                | 5.0 mm ±5%                                     |
| Color (jacket)                  | yellow                                         |
| chemical resistance             | good resistance to oil, gasoline and chemicals |
| thermal resistance              | flame retardant UL 1581 VW1 / CSA FT1          |
| Nominal voltage                 | UL 300 V AC                                    |
| Test voltage                    | 2000 V AC                                      |
| Current load capacity           | to DIN VDE 0298-4                              |
| Temperature range (fixed)       | -30...+80 °C                                   |
| Temperature range (mobile)      | -5...+80 °C                                    |
| Bend radius (fixed)             | 5× outer Ø                                     |
| Bend radius (moving)            | 10× outer Ø                                    |
| Jacket Color                    | yellow                                         |

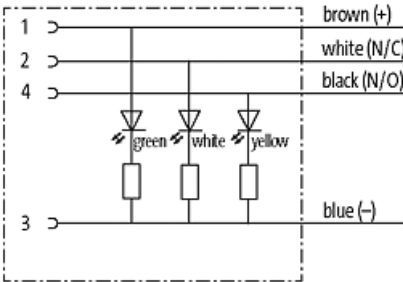
**Technical Data**

|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| Operating voltage             | 24 V DC ±25%                                           |
| Rated surge voltage           | 0.8 kV                                                 |
| Operating current per contact | max. 4 A                                               |
| Locking of ports              | Quick connection, 1/4 turn                             |
| Protection                    | IP65 and IP67 when plugged and screwed down (EN 60529) |

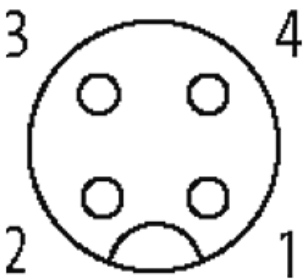
**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879106863 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

**Sketch**



Female



Product may differ from Image