

## Connecting Cable NEBU-M8G3-K-10-M8G3 - Festo 569844

Item no. FES-569844

Manufacturer Festo

EAN 4052568100865

Festo fitting or line component for fast, leak-tight and pressure-resistant compressed-air connections.

### TECHNICAL DATA

|           |          |
|-----------|----------|
| HS-Code   | 85444290 |
| Schutzart | IP65     |
| Weight    | 0.2 kg   |



### STANDARDS & COMPLIANCE

EN 60947-5-2 EN 61076-2-104

### DESCRIPTION

Festo fitting or line component for fast, leak-tight and pressure-resistant compressed-air connections. The key technical data of this genuine Festo article are listed below.

|                                       |                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Complies to standard                  | EN 61076-2-104<br>Wire colours and connection numbers acc. to EN 60947-5-2                                                     |
| Operating voltage range DC [V]        | 0 to 60                                                                                                                        |
| Operating voltage range AC [V]        | 0 to 60                                                                                                                        |
| Current carrying capacity at 40°C [A] | 3,0                                                                                                                            |
| Surge voltage strength [kV]           | 1,5                                                                                                                            |
| Cable length [MTR]                    | 10,0                                                                                                                           |
| Line properties                       | Standard                                                                                                                       |
| Test conditions line                  | Bending radius strength to Festo standard<br>Cable track: 5 million cycles, bending radius 75 mm<br>Test conditions on request |
| Cable diameter [mm]                   | 3,8                                                                                                                            |
| Cable set up                          | 3x0,25                                                                                                                         |

|                                                      |                                                                                      |
|------------------------------------------------------|--------------------------------------------------------------------------------------|
| Conductor - nominal cross-section [mm²]              | 0,25                                                                                 |
| Protection category                                  | IP65<br>IP68<br>IP69K                                                                |
| ambient temperature [°C]                             | -25 to 70                                                                            |
| Ambient temperature for moving cable placements [°C] | -5 to 70                                                                             |
| CE certificate (see declaration of conformity)       | acc. to EU Low voltage Directive<br>acc. to EU-RoHS Directive                        |
| Material information                                 | halogen free<br>Copper and PTFE-free<br>RoHS compliant<br>Phosphoric acid ester free |
| Degree of contamination                              | 3                                                                                    |
| Corrosion resistant class KBK                        | 2 - moderate corrosion stress                                                        |
| Cable sleeve material                                | TPE-U(PUR)                                                                           |
| Cable shield colour                                  | <span class="farbe" style="background-color:#C6C6C6"></span> Grey                    |
| Housing material                                     | TPE-U(PUR)                                                                           |
| Housing colour                                       | <span class="farbe" style="background-color:#000000"></span> black                   |
| Seals material                                       | NBR                                                                                  |
| Plug contacts material                               | Copper alloy gold plated                                                             |
| Insulation sleeve material                           | PP                                                                                   |
| Line designation                                     | with 2x sign carrier                                                                 |
| Electrical connection 1, function                    | Field device screen                                                                  |
| Electrical connection 1, design                      | round                                                                                |
| Electrical connection 1, connection type             | socket / container / ....                                                            |
| Electrical connection 1, cable output                | straight                                                                             |
| Electrical connection 1, connection technology       | M8x1 A coded to EN 61076-2-104                                                       |
| Electrical connection 1, number of pins / wires      | 3                                                                                    |
| Electrical connection 1, occupied pin / wire         | 3                                                                                    |
| Electrical connection 1, fastening type              | Screw lock                                                                           |
| Electrical connection 2, function                    | Control screen                                                                       |
| Electrical connection 2, connection type             | Plug                                                                                 |
| Electrical connection 2, connection technology       | M8x1 A coded to EN 61076-2-104                                                       |
| Electrical connection 2, number of pins / wires      | 3                                                                                    |

|                                                |                      |
|------------------------------------------------|----------------------|
| Electrical connection 2, occupied pin / wire   | 3                    |
| Bending radius, permanent cable placement [mm] | 12                   |
| Bending radius, moving cable placement [mm]    | 39                   |
| Tolerance cable diameter                       | ± 0,1 mm             |
| Information about protection category          | In mounted condition |
| Special features                               | Oil resistant        |
| Screw lock material                            | brass, nickel-plated |
| Product weight [g]                             | 246                  |
| Electrical connection 2, design                | round                |
| Electrical connection 2, cable output          | straight             |
| Electrical connection 2, fastening type        | Screw lock           |