

# Encoder Cable NEBM-M12W8-E-5-LE8 - Festo 1451676

Item no. FES-1451676

Manufacturer Festo

EAN 4052568233013

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

## TECHNICAL DATA

|                    |          |
|--------------------|----------|
| HS-Code            | 85444290 |
| Operating voltage  | 24 V DC  |
| Protection rating  | IP65     |
| Series             | NEBM     |
| Temperature (max.) | 80       |
| Weight             | 0.31 kg  |



## STANDARDS & COMPLIANCE

EN 61076-2-101

## 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.

|                                                 |                                 |
|-------------------------------------------------|---------------------------------|
| Line designation                                | Without sign holder             |
| Electrical connection 1, function               | Field device screen             |
| Electrical connection 1, design                 | round                           |
| Electrical connection 1, connection type        | socket / container / ...        |
| Electrical connection 1, cable output           | Angled                          |
| Electrical connection 1, connection technology  | M12x1 A coded to EN 61076-2-101 |
| Electrical connection 1, number of pins / wires | 8                               |
| Electrical connection 1, occupied pin / wire    | 8                               |
| Electrical connection 2, function               | Control screen                  |
| Electrical connection 2, connection type        | cable                           |

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|------------------------------------------------------|-------------------------------------------------------------------|
| Electrical connection 2, connection technology       | Open end                                                          |
| Electrical connection 2, number of pins / wires      | 8                                                                 |
| Electrical connection 2, occupied pin / wire         | 8                                                                 |
| Operating voltage range DC [V]                       | 0 to 30                                                           |
| Nominal operating voltage DC [V]                     | 24                                                                |
| Cable length [MTR]                                   | 5,00                                                              |
| Line properties                                      | Cable track capable                                               |
| Bending radius, moving cable placement [mm]          | >= 68 mm                                                          |
| Cable diameter [mm]                                  | 6,8                                                               |
| Cable set up                                         | 4x2x0,14<br>Shielded                                              |
| Conductor - nominal cross-section [mm²]              | 0,1400                                                            |
| Wire ends                                            | Wire end sleeve                                                   |
| Protection category                                  | IP65                                                              |
| Information about protection category                | In mounted condition                                              |
| ambient temperature [°C]                             | -40 to 80                                                         |
| Ambient temperature for moving cable placements [°C] | -5 to 80                                                          |
| CE certificate (see declaration of conformity)       | nach EU-RoHS-RL                                                   |
| Material information                                 | RoHs compliant                                                    |
| Cable sleeve material                                | TPE-U(PUR)                                                        |
| Cable shield colour                                  | <span class="farbe" style="background-color:#C6C6C6"></span> Grey |
| Operating voltage range AC [V]                       | 0 to 30                                                           |
| Nominal operating voltage AC [V]                     | 24                                                                |