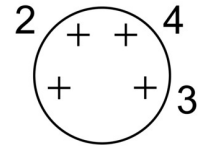
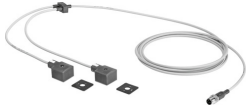


# Distributor

## NEDY-L2R1-V1-B2W3L-U-0.3L-M8G4-2.5R

Part number: 8035781

FESTO



## Data sheet

| Feature   | Value  |
|---|--|
| Type code   | NEDY   |
| Based on norm   | EN 61076-2-104   |
| Design  | Y-distributor with cables at both ends   |
| Distributor type                                      | 2 to 1   |
| Signal status display                                 | LED yellow   |
| Cable designation                                     | With label holder  |
| Type of mounting                                      | With through-hole for M2 screw<br>With accessories   |
| Product weight  | 127 g  |
| Electrical connection 1, function                     | Control side   |
| Electrical connection 1, design                       | Round  |
| Electrical connection 1, connection type              | Plug   |
| Electrical connection 1, cable outlet                 | Straight   |
| Electrical connection 1, connection technology        | M8x1 A-coded as per EN 61076-2-104   |
| Electrical connection 1, number of pins/wires         | 4  |
| Electrical connection 1, occupied pins/wires          | 3  |
| Electrical connection for input 1, connection pattern | 00995633   |
| Electrical connection 2, function                     | Field device end   |
| Electrical connection 2, design                       | Rectangular  |
| Electrical connection 2, connection type              | 2x socket  |
| Electrical connection 2, cable outlet                 | Angled   |
| Electrical connection 2, connection technology        | Connection diagram form B as per industrial standard, 11 mm  |
| Electrical connection 2, number of pins/wires         | 3  |
| Electrical connection 2, occupied pins/wires          | 2  |
| Electrical connection 2, connection pattern           | 00995628   |
| DC operating voltage range                            | 20.4 V ... 27.6 V  |
| Current rating at 40°C                                | 3 A  |
| Surge resistance                                      | 0.8 kV   |
| Cable length 1  | 2.5 m  |
| Cable length 2  | 0.3 m  |
| Cable characteristic                                  | Suitability for energy chains/robot applications   |
| Connector cable test conditions                       | Flexural strength: as per Festo standard<br>Test conditions on request<br>Cable chain: 5 million cycles, bending radius 28 mm<br>Torsional resistance: > 300 000 cycles, ±270°/0.1 m |

| Feature  | Value  |
|--|--|
| Bending radius 1, flexible cable installation        | 39 mm  |
| Bending radius 2, flexible cable installation        | 39 mm  |
| Cable diameter 1                                     | 3.8 mm   |
| Cable diameter 2                                     | 3.8 mm   |
| Nominal conductor cross section                      | 0.25 mm <sup>2</sup>   |
| Degree of protection                                 | IP65<br>IP67   |
| Ambient temperature                                  | -20 °C ... 80 °C   |
| Note on ambient temperature                          | -10 - 40 °C when mounted via through-hole  |
| Ambient temperature with flexible cable installation | -20 °C ... 80 °C   |
| Storage temperature                                  | -20 °C ... 80 °C   |
| CE marking (see declaration of conformity)           | As per EU RoHS directive   |
| Note on materials                                    | Free of copper and PTFE<br>RoHS-compliant<br>Halogen-free<br>Free of phosphoric acid ester |
| Contamination level                                  | 3  |
| Corrosion resistance class (CRC)                     | 1 - Low corrosion stress   |
| Material of cable sheath                             | TPE-U(PUR)   |
| Color cable sheath                                   | Gray   |
| Housing material                                     | PA<br>PC<br>TPE-U(PUR)   |
| Housing colour                                       | Black  |
| Material of union nut                                | Brass, nickel-plated   |
| Seals material                                       | NBR  |
| Material of pin contacts                             | Copper alloy, gold-plated<br>Copper alloy, silver-plated                                   |
| Threaded sleeve material                             | Brass, nickel-plated   |