

# Distributor NEDY-L2R1-V1-M8G3-N-M12G4

Part number: 8005311

FESTO



 General operating condition

## Data sheet

| Feature                                               | Value                                                                 |
|-------------------------------------------------------|-----------------------------------------------------------------------|
| Based on norm                                         | EN 61076-2-101<br>EN 61076-2-104                                      |
| Structural design                                     | Y-distributor without cable                                           |
| Distributor type                                      | 2 to 1                                                                |
| Cable designation                                     | Without label holder                                                  |
| Type of mounting                                      | With through-hole for M2 screw<br>With accessories                    |
| Product weight                                        | 20 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        | M12x1 A-coded as per EN 61076-2-101                                   |
| Electrical connection 1, number of pins/wires         | 4                                                                     |
| Electrical connection 1, occupied pins/wires          | 4                                                                     |
| Electrical connection 1, type of mounting             | Screw-type lock with hexagon AF13 and vertical knurling<br>rotatable  |
| Electrical connection 1, type of mounting             | Compatible with rotatable/non-rotatable screw lock                    |
| Electrical connection for input 1, connection pattern | 00995386                                                              |
| Electrical connection 2, function                     | Field device end                                                      |
| Electrical connection 2, design                       | Round                                                                 |
| Electrical connection 2, connection type              | 2x socket                                                             |
| Electrical connection 2, cable outlet                 | Straight                                                              |
| Electrical connection 2, connection technology        | M8x1 A-coded as per EN 61076-2-104                                    |
| Electrical connection 2, number of pins/wires         | 3                                                                     |
| Electrical connection 2, occupied pins/wires          | 3                                                                     |
| Electrical connection 2, type of mounting             | Screw-type lock with hexagon AF 9 and longitudinal knurl<br>rotatable |
| Electrical connection 2, type of mounting             | Compatible with rotatable/non-rotatable screw lock                    |
| Electrical connection 2, connection pattern           | 00991871                                                              |
| DC operating voltage range                            | 0 V ... 30 V                                                          |
| Operating voltage range AC                            | 0 V ... 30 V                                                          |
| Current rating at 40° C                               | 3 A                                                                   |
| Surge resistance                                      | 0.8 kV                                                                |
| Degree of protection                                  | IP65<br>IP68<br>IP69K                                                 |

| Feature                          | Value                                                           |
|----------------------------------|-----------------------------------------------------------------|
| Ambient temperature              | -25 °C ... 85 °C                                                |
| Note on ambient temperature      | -10 - 40 °C when mounted via through-hole                       |
| Storage temperature              | -25 °C ... 85 °C                                                |
| LABS (PWIS) conformity           | VDMA24364-B2-L                                                  |
| Note on materials                | RoHS-compliant<br>Halogen-free<br>Free of phosphoric acid ester |
| Contamination level              | 3                                                               |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress                                   |
| Material of cable sheath         | TPE-U(PUR)                                                      |
| Color cable sheath               | Gray                                                            |
| Housing material                 | 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                                       |
| Threaded sleeve material         | Brass, nickel-plated                                            |