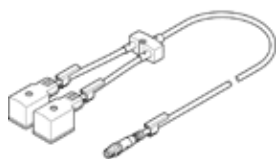
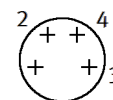


# distributor

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

Part number: 8035781

FESTO



## Data sheet

Feature	Value
Based on the standard	EN 61076-2-104
Design structure	Y-distributor with cables on both sides
Distributor type	2 to 1
Signal status display	Yellow LED
Cable identification	With inscription label holder
Mounting type	With through-hole for M2 screw with accessories
Product weight	127 g
Electrical connection 1, function	Controller 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 to EN 61076-2-104
Electrical connection 1, number of pins/wires	4
Electrical connection 1, occupied pins/wires	3
Electrical connection 2, function	Field device side
Electrical connection 2, design	Angular
Electrical connection 2, connection type	2x socket
Electrical connection 2, cable outlet	Angled
Electrical connection 2, connection technology	Plug pattern type B to industry standard, 11 mm
Electrical connection 2, number of pins/wires	3
Electrical connection 2, occupied pins/wires	2
Operating voltage range DC	20.4 ... 27.6 V
Acceptable current load at 40°C	3 A
Surge strength	0.8 kV
Cable length 1	2.5 m
Cable length 2	0.3 m
Cable attribute	Energy chain + robot
Test conditions of cable	Bending strength according to Festo standard Test conditions on request Chain link trunking: 5 million cycles, bending radius 28 mm Torsion resistance: > 300,000 cycles, ±270°/0.1 m
Minimum bending radius with freely moveable use 1	39 mm
Minimum bending radius with freely moveable use 2	39 mm
Cable diameter 1	3.8 mm
Cable diameter 2	3.8 mm
Nominal conductor cross-section	0.25 mm <sup>2</sup>
Protection class	IP65 IP67
Ambient temperature	-20 ... 80 °C
Note on ambient temperature	-10 ... 40 °C when mounted via through-hole
Ambient temperature with flexible cable installation	-20 ... 80 °C
Storage temperature	-20 ... 80 °C
CE mark (see declaration of conformity)	in accordance with EU RoHS directive
Materials note	Free of copper and PTFE Conforms to RoHS

Feature	Value
	Halogen-free Free of phosphoric acid ester
Degree of contamination	3
Corrosion resistance classification CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	PA PC TPE-U(PUR)
Housing colour	Black
Material of union nut	Nickel-plated brass
Material seals	NBR
Material electrical contact	Gold-plated copper alloy Silver-plated copper alloy
Material threaded sleeve	Nickel-plated brass