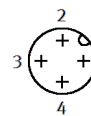


# distributor

## NEDY-L2R1-V1-Z4W2Z-U-0.3L-M12G4-5R

Part number: 8035788

FESTO



## Data sheet

Feature	Value
Based on the standard	EN 61076-2-101
Authorisation	RCM Mark
Design structure	Y-distributor with cables on both sides
Distributor type	2 to 1
Signal status display	Yellow LED
Additional functions	Reduction of holding current
Cable identification	With inscription label holder
Mounting type	With through-hole for M2 screw with accessories
Product weight	159 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	M12x1, A-coded in accordance with EN 61076-2-101
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	Connection pattern ZC, metric screw
Electrical connection 2, number of pins/wires	2
Electrical connection 2, occupied pins/wires	2
Operating voltage range DC	20.4 ... 27.6 V
Acceptable current load at 40°C	1 A
Surge strength	0.8 kV
Cable length 1	5 m
Cable length 2	0.3 m
Cable attribute	Energy chain + robot
Note on cable characteristics	Field device side: standard
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
Note on cable test conditions	For standard cables: Energy chain: 1.5 million cycles, bending radius 75 mm, resistance to bending: to Festo standard, test conditions on request
Minimum bending radius with freely moveable use 1	39 mm
Minimum bending radius with freely moveable use 2	30 mm
Cable diameter 1	3.8 mm
Cable diameter 2	2.9 mm
Nominal conductor cross-section	0.25 mm <sup>2</sup>
Protection class	IP65
Ambient temperature	-10 ... 50 °C
Note on ambient temperature	-10 ... 40 °C when mounted via through-hole
Ambient temperature with flexible cable installation	-5 ... 50 °C

Feature	Value
Storage temperature	-10 ... 50 °C
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
Materials note	Free of copper and PTFE Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	3 - High corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	PA TPE-U(PUR)
Housing colour	Black
Material seals	NBR TPE-O
Material electrical contact	Gold-plated copper alloy Copper alloy, tinned
Material threaded sleeve	Nickel-plated brass