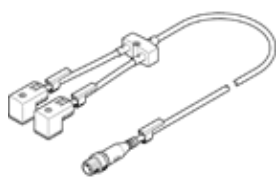


# distributor

## NEDY-L2R1-V1-C1W4L-U-0.3L-M12G4-2.5R

Part number: 8035783

FESTO



## Data sheet

Feature	Value
Based on the standard	EN 175301-803 EN 61076-2-101
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	104 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	Plug pattern type C to EN 175301-803
Electrical connection 2, number of pins/wires	4
Electrical connection 2, occupied pins/wires	2
Operating voltage range DC	20.4 ... 27.6 V
Acceptable current load at 40°C	4 A
Surge strength	0.8 kV
Cable length 1	2.5 m
Cable length 2	0.3 m
Cable attribute	Suitable for energy chains/robot applications
Test conditions of cable	Bending strength according to Festo standard Test conditions on request Torsion resistance: > 300,000 cycles, ±270°/0.1 m Energy chain: > 5 million cycles, bending radius 28 mm
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
UKCA marking (see declaration of conformity)	To UK RoHS instructions

Feature	Value
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS 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 seals	NBR
Material electrical contact	Gold-plated copper alloy Silver-plated copper alloy
Material threaded sleeve	Nickel-plated brass