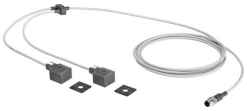
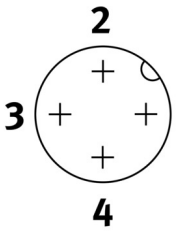
Distributor
NEDY-L2R1-V1-C1W4L-U-0.3L-M12G4-5R

Part number: 8035784





Data sheet

Feature	Value
Type code	NEDY
Based on norm	EN 175301-803 EN 61076-2-101
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 With accessories
Product weight	174 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	3
Electrical connection for input 1, connection pattern	00995635
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 type C as per EN 175301-803
Electrical connection 2, number of pins/wires	4
Electrical connection 2, occupied pins/wires	2
Electrical connection 2, connection pattern	00995620
DC operating voltage range	20.4 V ... 27.6 V
Current rating at 40°C	4 A
Surge resistance	0.8 kV
Cable length 1	5 m
Cable length 2	0.3 m
Cable characteristic	Suitability for energy chains/robot applications

Feature	Value
Connector cable test conditions	Flexural strength: as per Festo standard Test conditions on request Cable chain: 5 million cycles, bending radius 28 mm Torsional resistance: › 300 000 cycles, ±270°/0.1 m
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 mm²
Degree of protection	IP65 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 RoHS-compliant Halogen-free 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 PC TPE-U(PUR)
Housing colour	Black
Seals material	NBR
Material of pin contacts	Copper alloy, gold-plated Copper alloy, silver-plated
Threaded sleeve material	Brass, nickel-plated