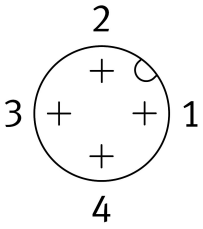
Distributor
NEDY-L2R1-V1-M8G3-U-0.3L-M12G4-5R

Part number: 8035484





Data sheet

Feature	Value
Based on standard	EN 61076-2-101 EN 61076-2-104
Design	Y-distributor with cables on both sides
Distrubution	Y type
Cable designation	With label holder
Type of mounting	Via through-hole for M2 screw With accessories
Product weight	176 g
Electrical connection 1, function	Controller side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plugs
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	4
Electrical connection 1, type of mounting	Screw-type lock with 13 mm hexagon and longitudinal knurl Rotatable
Electrical connection 1, compatible type of mounting	Compatible with rotatable/non-rotatable screw-type lock
Electrical connection 2, function	Field device side
Electrical connection 2, design	Round
Electrical connection 2, connection type	2x socket
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	M8x1, A-coded to EN 61076-2-104
Electrical connection 2, number of connections/cores	3
Electrical connection 2, used connections/cores	3
electrical connection 2, type of mounting	Screw-type lock with hexagon A/F 9 mm and longitudinal knurl Rotatable
Electrical connection 2, compatible type of mounting	Compatible with rotatable/non-rotatable screw-type lock
Operational voltage range DC	0 V...30 V
Operational voltage range AC	0 V...30 V
Current rating at 40° C	3 A

Feature	Value
Immunity to surge	0.8 kV
Cable length 1	5 m
Cable length 2	0.3 m
Cable characteristic	Suitable for energy chains/robot applications
Test conditions cable	Bending strength: to Festo standard Test conditions on request Torsional strength: > 300,000 cycles, ±270°/0.1 m Energy chain: > 5 million cycles, bending radius 28 mm
Min. bending radius with free moving insert 1	46 mm
Min. bending radius with free moving insert 2	39 mm
Cable diameter 1	4.5 mm
Cable diameter 2	3.8 mm
Nominal cross section conductor	0.25 mm²
Degree of protection	IP65 IP68 IP69K
Ambient temperature	-25 °C...80 °C
Note on ambient temperature	-10 - 40°C with mounting via through-hole
Ambient temperature with moving cable	-20 °C...80 °C
Storage temperature	-25 °C...80 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant Free of halogen Free of phosphoric acid ester
Pollution degree	3
Corrosion resistance class CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	PA PC TPE-U(PUR)
Housing colour	Black
Material union nut	Nickel-plated brass
Material seals	NBR
Material electrical contact	Gold-plated copper alloy
Material threaded sleeve	Nickel-plated brass