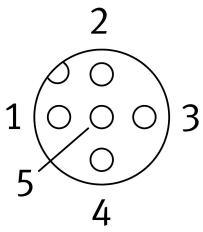
Distributor
NEDU-L1R2-M12G5-M12LE-1R

Part number: 8091516





Data sheet

Feature	Value
Based on standard	EN 61076-2-101
Design	Y-distributor with cable on controller side
Distrubution	1 to 2
Additional functions	Additional supply for port B
Cable designation	Without inscription label holder
Frequency of connection	100
Product weight	72.5 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
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	5
Electrical connection 1, used connections/cores	5
Electrical connection 1, type of mounting	Screw-type lock with 18 mm hexagon and longitudinal knurl
Electrical connection 2, function	IO-Link® Communication
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plugs
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	M12x1, A-coded to EN 61076-2-101
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 13 mm hexagon and longitudinal knurl
Electrical connection 3, function	Additional supply
Electrical connection 3, connection type	2x single wires
Electrical connection 3, connector system	Open end
Electrical connection 3, number of connections/cores	2
Electrical connection 3, used connections/cores	2
Operational voltage range DC	0 V...30 V

Feature	Value
Nominal operating voltage DC	24 V
Current rating at 40° C	4 A
Immunity to surge	0.8 kV
Protective conductor connection	Not available
Shielding	no
Cable length	1 m
Cable length 1	1 m
Cable length 2	1 m
Cable characteristic	For static applications
Bending radius 1, fixed cable installation	11.7 mm
Bending radius 2, fixed cable installation	6 mm
Cable diameter 1	3.8 mm
Tolerance for cable diameter 1	± 0.1 mm
Cable diameter 2	1.75 mm
Tolerance for cable diameter 2	± 0.05 mm
Cable design 1	3 x 0.25 mm²
Cable design 2	2 x 0.5 mm²
Nominal cross section conductor	0.25 mm² 0.5 mm²
Degree of protection	IP65 IP68 IP69K
Note on degree of protection	IP40 for M12 socket In assembled state
Ambient temperature	-30 °C...80 °C
Storage temperature	-30 °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
Pollution degree	3
Corrosion resistance class CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	PA TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Nickel-plated brass Die-cast zinc, nickel-plated
Material seals	NBR
Material electrical contact	Nickel-plated and gold-plated bronze Gold-plated brass
Material insulating sheath	PVC