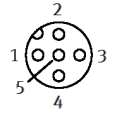


Distributor

NEDU-L1R2-M12G5-M12LE-1R

Part number: 8091516

FESTO



Data sheet

Feature	Value
Based on the standard	EN 61076-2-101
Design structure	Y-distributor with cable on controller side
Distributor type	1 to 2
Additional functions	Additional supply for port B
Cable identification	Without inscription label holder
Connection frequency	100
Product weight	72.5 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug socket
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	5
Electrical connection 1, occupied pins/wires	5
Electrical connection 1, type of mounting	Screw-type lock with 18 mm A/F hexagon and longitudinal knurl
Electrical connection 2, function	Communication IO-Link
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 2, number of pins/wires	3
Electrical connection 2, occupied pins/wires	3
Electrical connection 2, type of mounting	Screw-type lock with 13 mm A/F hexagon and longitudinal knurl
Electrical connection 3, function	Additional power supply
Electrical connection 3, connection type	2 single wires
Electrical connection 3, connection technology	Open end
Electrical connection 3, number of pins/wires	2
Electrical connection 3, occupied pins/wires	2
Operating voltage range DC	0 ... 30 V
Nominal operating voltage DC	24 V
Acceptable current load at 40°C	4 A
Surge strength	0.8 kV
Protective earth connection	Not available
Shielding	No
Cable length	1 m
Cable length 1	1 m
Cable length 2	1 m
Cable attribute	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	3x0,25

Feature	Value
Cable design 2	2x0,5
Nominal conductor cross-section	0.25 mm ² 0.5 mm ²
Protection class	IP65 IP68 IP69K
Note on degree of protection	IP40 for socket M12 in assembled condition
Ambient temperature	-30 ... 80 °C
Storage temperature	-30 ... 80 °C
CE symbol (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath color	Grey
Material housing	PA TPE-U(PUR)
Housing color	Black
Material screw-type lock	Nickel-plated brass Nickel-plated die-cast zinc
Material seals	NBR
Material electrical contact	Nickel-plated and gold-plated bronze Brass, gold-plated
Material insulation	PVC