

Distributor NEDY-L2R1-V1-M8G3-N-M12G4

Part number: 8005311

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Based on standard	EN 61076-2-101 EN 61076-2-104
Design	Y-distributor without cable
Distrubution	Y type
Cable designation	Without inscription label holder
Type of mounting	Via through-hole for M2 screw With accessories
Product weight	20 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 1, connection pattern	00995386
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
Electrical connection 2, connection pattern	00991871
Operational voltage range DC	0 V ... 30 V
Operational voltage range AC	0 V ... 30 V
Current rating at 40° C	3 A
Immunity to surge	0.8 kV
Degree of protection	IP65 IP68 IP69K

Feature	Value
Ambient temperature	-25 °C ... 85 °C
Note on ambient temperature	-10 - 40°C with mounting via through-hole
Storage temperature	-25 °C ... 85 °C
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	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