

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

Part number: 8005311

FESTO



 General operating condition

Data sheet

Feature	Value
Based on norm	EN 61076-2-101 EN 61076-2-104
Structural design	Y-distributor without cable
Distributor type	2 to 1
Cable designation	Without label holder
Type of mounting	With through-hole for M2 screw With accessories
Product weight	20 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	4
Electrical connection 1, type of mounting	Screw-type lock with hexagon AF13 and vertical knurling rotatable
Electrical connection 1, type of mounting	Compatible with rotatable/non-rotatable screw-type lock
Electrical connection for input 1, connection pattern	00995386
Electrical connection 2, function	Field device end
Electrical connection 2, design	Round
Electrical connection 2, connection type	2x socket
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	M8x1 A-coded as per EN 61076-2-104
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 hexagon AF 9 and longitudinal knurl rotatable
Electrical connection 2, type of mounting	Compatible with rotatable/non-rotatable screw-type lock
Electrical connection 2, connection pattern	00991871
DC operating voltage range	0 V ... 30 V
Operating voltage range AC	0 V ... 30 V
Current rating at 40° C	3 A
Surge resistance	0.8 kV
Degree of protection	IP65 IP68 IP69K

Feature	Value
Ambient temperature	-25 °C ... 85 °C
Note on ambient temperature	-10 - 40 °C when mounted via through-hole
Storage temperature	-25 °C ... 85 °C
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant Halogen-free Free of phosphoric acid ester
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Gray
Housing material	PC TPE-U(PUR)
Housing colour	Black
Material of union nut	Brass, nickel-plated
Seals material	NBR
Material of pin contacts	Copper alloy, gold-plated
Threaded sleeve material	Brass, nickel-plated