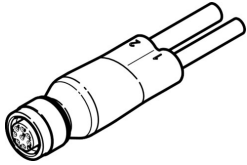


# DUO cable NEDU-L1R2-V9-M12G8-E-LE5-5R1-LE3-5R2

Part number: 2903567

FESTO



 General operating condition

## Data sheet

Feature	Value
Based on norm	EN 61076-2-101
Structural design	Y-distributor with cable on field device/controller side
Distributor type	1 to 2
Additional functions	Connection of sensor and controller to proportional pressure control valve
Cable designation	Without label holder
Product weight	377 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, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	8
Electrical connection 1, occupied pins/wires	6
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00992265
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	5
Electrical connection 2, occupied pins/wires	5
Electrical connection 3, function	Field device side
Electrical connection 3, connection type	Cable
Electrical connection 3, connection technology	Open end
Electrical connection 3, number of pins/wires	3
Electrical connection 3, occupied pins/wires	3
DC operating voltage range	0 V ... 30 V
Operating voltage range AC	0 V ... 30 V
Current rating at 40° C	2 A
Surge resistance	0.8 kV
Shield	Yes
Cable length 1	5 m
Cable length 2	5 m
Cable diameter 1	5.3 mm
Cable diameter 2	4.5 mm

<b>Feature</b>	<b>Value</b>
Cable design	3 x 0.25 mm <sup>2</sup> 5 x 0.25 mm <sup>2</sup>
Nominal conductor cross section	0.25 mm <sup>2</sup>
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Ambient temperature	-25 °C ... 80 °C
Ambient temperature with flexible cable installation	-5 °C ... 80 °C
CE marking (see declaration of conformity)	As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS compliant
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Black
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Seals material	FPM
Material of pin contacts	Gold-plated brass
Insulating sheath material	PVC