

Electrical connection technology, for fieldbus connection

FESTO

Technical data – NEDU

- T-adapter
- Branch line for the connection and disconnection of fieldbus components
- Connected fieldbus components can be unplugged without interrupting signal transmission (to other components)



General technical data				
Type	NEDU-M12D5-M12T4		NEDU-M8D3-M12T4	NEDU-M8D3-M8T4
Type of mounting	Screw-in			
Mounting position	Any			
Connection frequency	500	500	100	
Nominal operating voltage	[V]	250 DC	60 DC	32 DC
	[V]	60 AC	60 AC	32 AC
Current-carrying capacity	[A]	4	4	2
Protection class to EN 60529	IP65/67			
Electrical connection	To EN 60947-5-2			
Max. tightening torque	[Nm]	0.5	0.3 for M8 0.5 for M12	0.3
Material of housing	Polyurethane			Polyamide
Material of crimp connectors	Gold-plated brass			
Material of union nut	Chrome plated brass, nickel plated brass			
Note on materials	Free of copper and PTFE			
Corrosion resistance class CRC ¹⁾	2			
Ambient temperature	[°C]	-25 ... +85		

1) Corrosion resistance class 2 to Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Ordering data				
	Electrical connection	Product weight [g]	Type	Part No.
	Plugs/sockets, 4-pin/4-pin, M12x1/M12x1	25.5	NEDU-M12D5-M12T4	541 596
	Plugs/sockets, 4-pin/3-pin, M12x1/M8x1	16.9	NEDU-M8D3-M12T4	541 597
	Plugs/sockets, 4-pin/3-pin, M8x1/M8x1	9.5	NEDU-M8D3-M8T4	544 391

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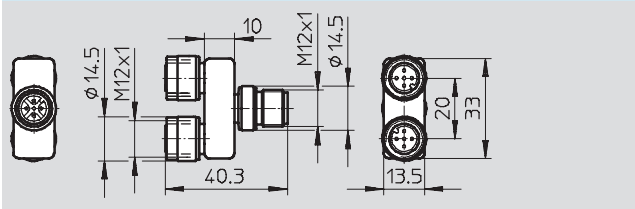
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Technical data – NEDU

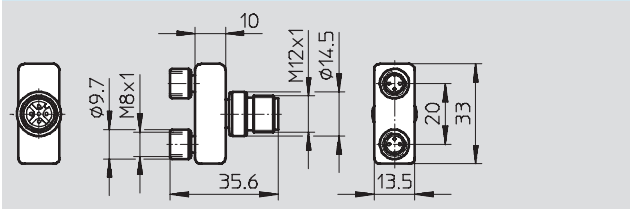
Dimensions

Download CAD data → www.festo.com

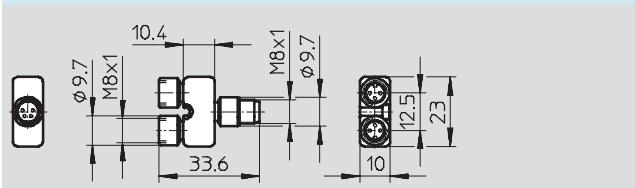
NEDU-M12D5-M12T4



NEDU-M8D3-M12T4



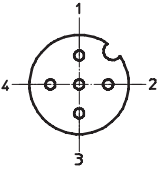
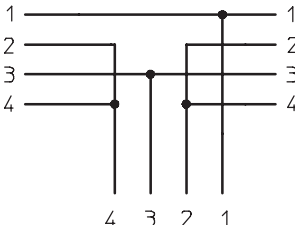
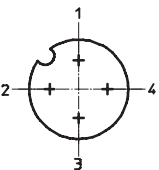
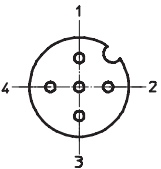
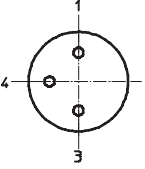
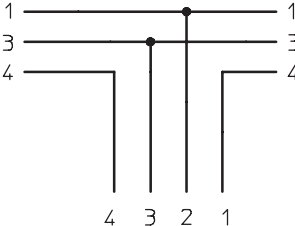
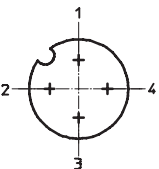
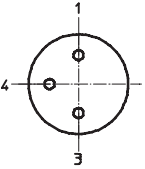
NEDU-M8D3-M8T4



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Wiring allocation (socket/plug view)		
NEDU-M12D5-M12T4		
Socket	Wiring allocation	Socket
	 	
NEDU-M8D3-M12T4		
Socket	Wiring allocation	Socket
	 	
NEDU-M8D3-M8T4		
Socket	Wiring allocation	Socket
