

# Electrical connection technology, for fieldbus connection

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 AC]	250		60		32	
	[V DC]	60		60		32	
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						
Note on materials	-		-		RoHS compliant		
Corrosion resistance class CRC <sup>1)</sup>	2						
Ambient temperature	[°C]	-25 ... +85					

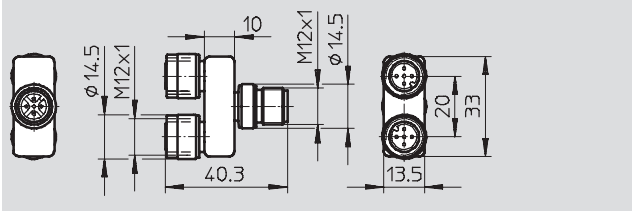
1) Corrosion resistance class 2 to Festo standard 940 070  
 Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Ordering data				
	Electrical connection	Product weight [g]	Type	Part No.
	Plugs/sockets, 4-pin/4-pin, M12x1/M12x1, A-coded	25.5	NEDU-M12D5-M12T4	541596
	Plugs/sockets, 4-pin/3-pin, M12x1/M8x1	16.9	NEDU-M8D3-M12T4	541597
	Plugs/sockets, 4-pin/3-pin, M8x1/M8x1	9.5	NEDU-M8D3-M8T4	544391

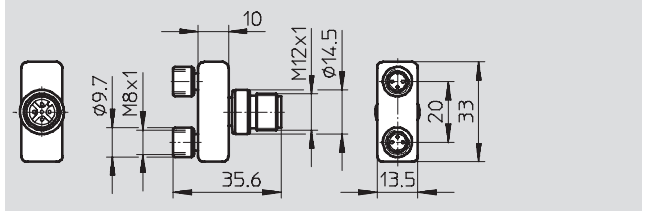
## Dimensions

Download CAD data → [www.festo.com](http://www.festo.com)

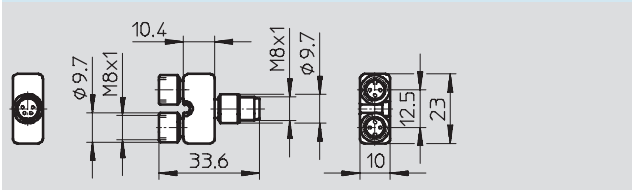
### NEDU-M12D5-M12T4



### NEDU-M8D3-M12T4

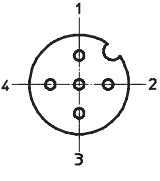
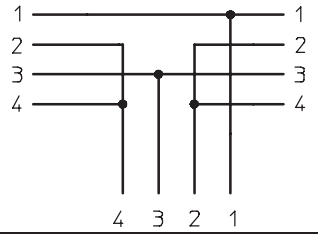
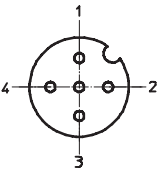
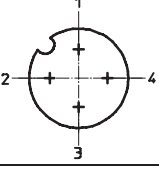
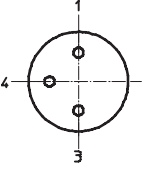
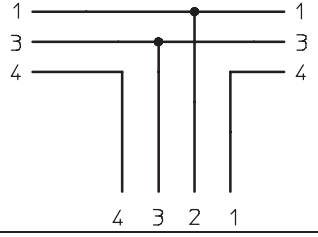
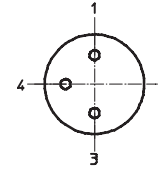
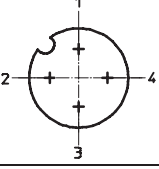


### NEDU-M8D3-M8T4



# Electrical connection technology, for fieldbus connection

Technical data – NEDU

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
