

# Push-in T-connectors NEDU, general

Technical data

## Push-in T-connector NEDU-M

- T-adapter
- Line branch for connecting and disconnecting fieldbus components
- Connected fieldbus components can be disconnected 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
Acceptable current load	[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 with M8 0.5 with M12	0.3

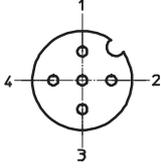
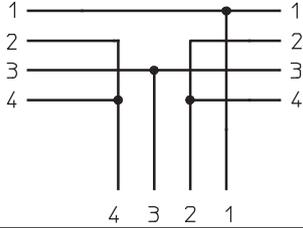
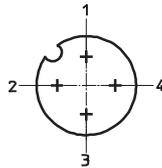
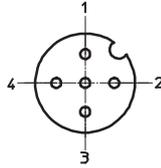
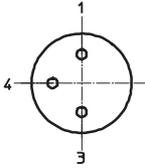
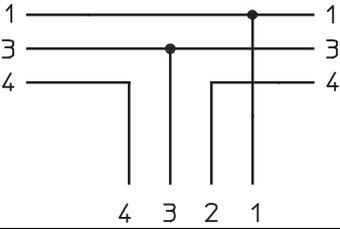
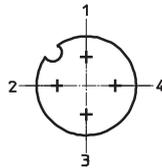
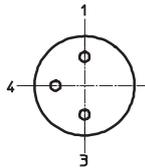
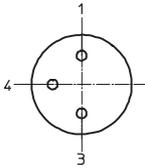
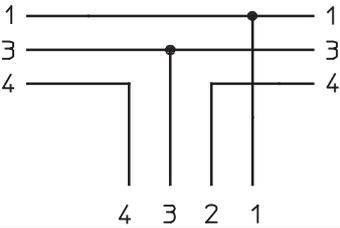
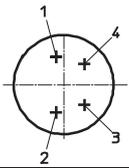
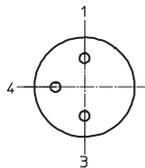
Materials			
Type	NEDU-M12D5-M12T4	NEDU-M8D3-M12T4	NEDU-M8D3-M8T4
Housing	Reinforced TPE-U(PU)		PA
Housing colour	Black		
Pin contacts	Gold-plated brass		
Union nut	Chrome-plated and nickel-plated brass		
Note on materials	Free of copper and PTFE		
Corrosion resistance class CRC <sup>1)</sup>	2		

1) Corrosion resistance class 2 according 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.

Operating and environmental conditions		
Ambient temperature	[°C]	-25 ... +85
Storage temperature	[°C]	-25 ... +85

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

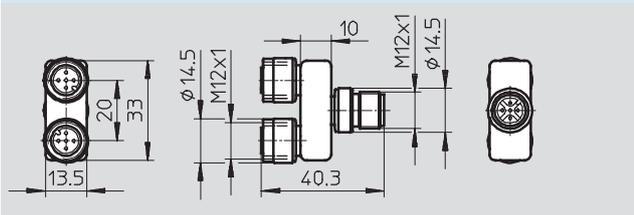
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Technical data

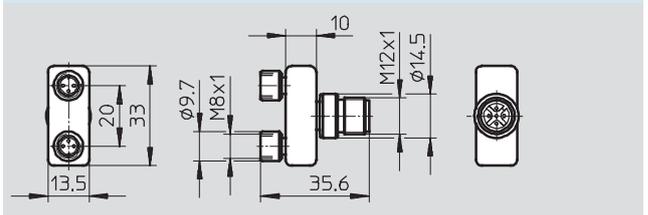
## Dimensions

Download CAD Data → [www.festo.com/us/cad](http://www.festo.com/us/cad)

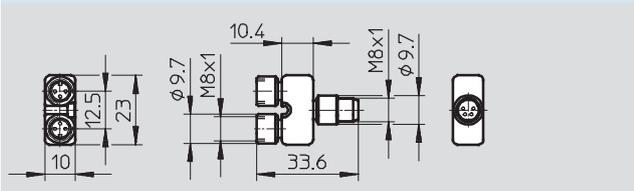
### NEDU-M12D5-M12T4



### NEDU-M8D3-M12T4



### NEDU-M8D3-M8T4



## Ordering data

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

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With a comprehensive line of more than 30,000 automation components, Festo is capable of solving the most complex automation requirements.



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PLC's, operator interfaces, sensors and I/O devices

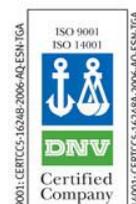
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Festo is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with more than 12,000 employees in 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education and development of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

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Festo Corporation is committed to supply all Festo products and services that will meet or exceed our customers' requirements in product quality, delivery, customer service and satisfaction.

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