

# Push-in T-connectors NEDU, general

Technical data

**FESTO**

## 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			

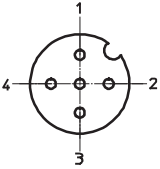
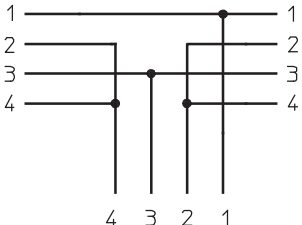
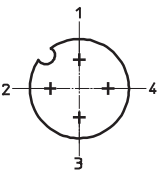
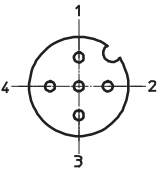
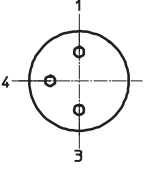
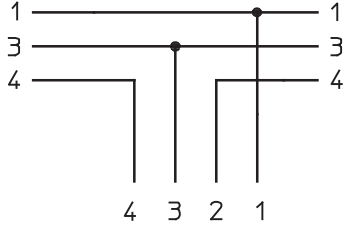
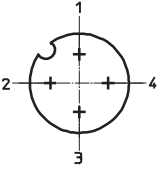
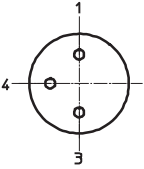
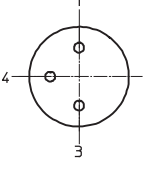
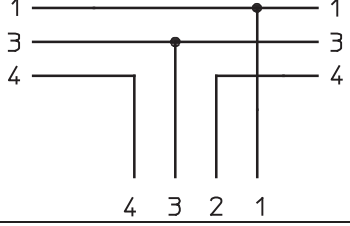
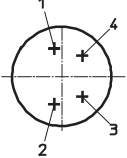
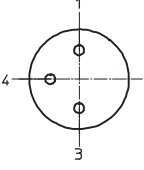
1) Corrosion resistance class 2 according to Festo standard 940 070  
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

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
	 	

# Push-in T-connectors NEDU, general

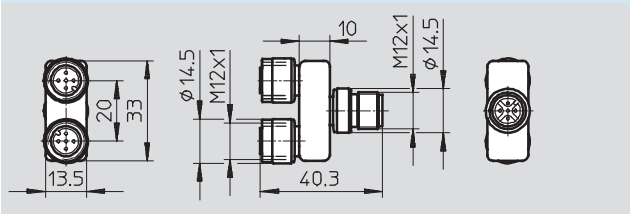
Technical data

**FESTO**

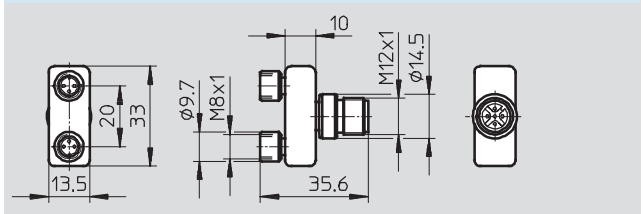
## Dimensions

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

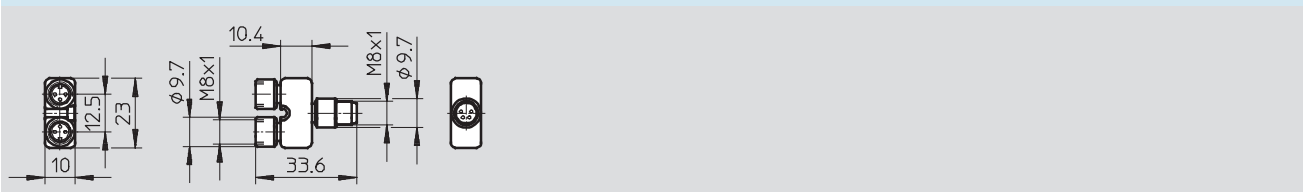
### NEDU-M12D5-M12T4



### 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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# Festo North America

## Festo Regional Contact Center

5300 Explorer Drive  
Mississauga, Ontario L4W 5G4  
Canada

### USA Customers:

For ordering assistance,

**Call:** 1.800.99.FESTO (1.800.993.3786)

**Fax:** 1.800.96.FESTO (1.800.963.3786)

**Email:** [customer.service@us.festo.com](mailto:customer.service@us.festo.com)

For technical support,

**Call:** 1.866.GO.FESTO (1.866.463.3786)

**Fax:** 1.800.96.FESTO (1.800.963.3786)

**Email:** [product.support@us.festo.com](mailto:product.support@us.festo.com)

### Canadian Customers:

**Call:** 1.877.GO.FESTO (1.877.463.3786)

**Fax:** 1.877.FX.FESTO (1.877.393.3786)

**Email:** [festo.canada@ca.festo.com](mailto:festo.canada@ca.festo.com)

## USA Headquarters

Festo Corporation  
395 Moreland Road  
P.O. Box 18023  
Hauppauge, NY 11788, USA  
[www.festo.com/us](http://www.festo.com/us)

## USA Sales Offices

### Appleton

North 922 Tower View Drive, Suite N  
Greenville, WI 54942, USA

### Boston

120 Presidential Way, Suite 330  
Woburn, MA 01801, USA

### Chicago

1441 East Business Center Drive  
Mt. Prospect, IL 60056, USA

### Dallas

1825 Lakeway Drive, Suite 600  
Lewisville, TX 75057, USA

### Detroit – Automotive Engineering Center

2601 Cambridge Court, Suite 320  
Auburn Hills, MI 48326, USA

### New York

395 Moreland Road  
Hauppauge, NY 11788, USA

### Silicon Valley

4935 Southfront Road, Suite F  
Livermore, CA 94550, USA

## United States



**USA Headquarters, East:** Festo Corp., 395 Moreland Road, Hauppauge, NY 11788

Phone: 1.631.435.0800; Fax: 1.631.435.8026;

Email: [info@festo-usa.com](mailto:info@festo-usa.com)

[www.festo.com/us](http://www.festo.com/us)

## Canada



**Headquarters:** Festo Inc., 5300 Explorer Drive, Mississauga, Ontario L4W 5G4

Phone: 1.905.624.9000; Fax: 1.905.624.9001;

Email: [festo.canada@ca.festo.com](mailto:festo.canada@ca.festo.com)

[www.festo.ca](http://www.festo.ca)

## Mexico



**Headquarters:** Festo Pneumatic, S.A., Av. Ceylán 3, Col. Tequesquahuac,  
54020 Tlalneapantla, Edo. de México

Phone: 011 52 [55] 53 21 66 00; Fax: 011 52 [55] 53 21 66 65;

Email: [festo.mexico@mx.festo.com](mailto:festo.mexico@mx.festo.com)

[www.festo.com/mx](http://www.festo.com/mx)

## Central USA

Festo Corporation  
1441 East Business  
Center Drive  
Mt. Prospect, IL 60056, USA  
Phone: 1.847.759.2600  
Fax: 1.847.768.9480



## Western USA

Festo Corporation  
4935 Southfront Road,  
Suite F  
Livermore, CA 94550, USA  
Phone: 1.925.371.1099  
Fax: 1.925.245.1286



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Argentina Australia Austria Belarus Belgium Brazil Bulgaria Canada Chile China Colombia Croatia Czech Republic Denmark  
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