

Plug sockets and push-in T-connectors

Product overview

FESTO



- Customised fabrication of cables
- Connection sizes M8 and M12
- Interconnection of signals

Detailed product information

➔ www.festo.com/catalogue/nedu

Product overview			
Variant	Type	Electrical connection	
		Left	Right
Plug	SEA	Straight plug, M8x1, 3-pin	Screw terminals
			Solder lugs
Plug socket	SIE	Straight socket, M12x1, 4-pin	Screw terminals
		Angled socket, M12x1, 4-pin	
Cable socket	NECU	Straight socket, M8x1, 4-pin	Screw terminals
Push-in T-connector	NEDU	Sockets, M8x1, 3-pin	Plug, M8x1, 4-pin
			Plug M12x1, 4-pin
		Sockets, M12x1, 3-pin	Plugs, M12x1, A-coded, 4-pin

General technical data – SEA			
Type	SEA-3GS-M8-S		SEA-GS-M8
Operating and environmental conditions			
Ambient temperature	[°C]	-40 ... +85	
Protection class	IP65		IP67
Materials			
Housing	Polyamide		

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Technical data

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General technical data – SIE	
Operating and environmental conditions	
Ambient temperature [°C]	-40 ... +85
Protection class	IP67
Materials	
Housing	Polyamide

General technical data – NECU	
Operating and environmental conditions	
Ambient temperature [°C]	-40... +80
Protection class	IP67
Materials	
Housing	Polybutene terephthalate

General technical data – NEDU			
Type	NEDU-M8D3-M8T4	NEDU-M8D3-M12T4	NEDU-M12D5-M12T4
Operating and environmental conditions			
Ambient temperature [°C]	-25 ... +85		
Protection class	IP65, IP67		
Materials			
Housing	Polyamide	Reinforced polyurethane	
Circuit			

Technical data and order codes						
	Electrical connection		Operating voltage range		Part No.	Type
	Left	Right	[V DC]	[V AC]		
Plug SEA						
	Straight plug, M8x1, 3-pin	Screw terminals	≤ 75	≤ 48	192 009	SEA-3GS-M8-S
		Solder lugs	≤ 75	≤ 60	18 696	SEA-GS-M8
Plug socket SIE						
	Straight socket, M12x1, 4-pin	Screw terminals	≤ 150	≤ 125	18 494	SIE-GD
	Angled socket, M12x1, 4-pin		≤ 150	≤ 125	12 956	SIE-WD-TR
Cable socket NECU						
	Straight socket, M8x1, 4-pin	Screw terminals	0 ... 60	0 ... 60	544 392	NECU-M8G4
Push-in T-connector NEDU						
	Socket, M8x1, 3-pin	Plug, M8x1, 4-pin	32	32	544 391	NEDU-M8D3-M8T4
		Plug, M12x1, 4-pin	60	60	541 597	NEDU-M8D3-M12T4
	Socket, M12x1, 3-pin	Plug, M12x1, A-coded, 4-pin	250	250	541 596	NEDU-M12D5-M12T4