

Universal plug connectors NECU, for self-assembly

FESTO

Technical data

Plug FBS-RJ45

- Ethernet plug with 8-pin RJ45 connection
- Reverse polarity protected
- High transmission quality
- Detachable connection



General technical data		
Type	FBS-RJ45-8-GS	FBS-RJ45-PP-GS
Permissible cable diameter [mm]	4 ... 5.4	5 ... 8
Protection class to EN 60529	IP65/IP67	IP65/IP67
Protection against direct and indirect contact	PELV (Protective Extra-Low Voltage)	PELV (Protective Extra-Low Voltage)
Ethernet cable specification	Type: CAT.5	Type: CAT.5
	Individual wire diameter: 0.89 ... 0.99 mm	Individual wire diameter: max. 1.6 mm
	AWG 24-26 fine wire	0.13 ... 0.36 mm², 1-wire
	–	0.13 ... 0.36 mm², 7-wire
Product weight [g]	15	60
	–	PROFINET

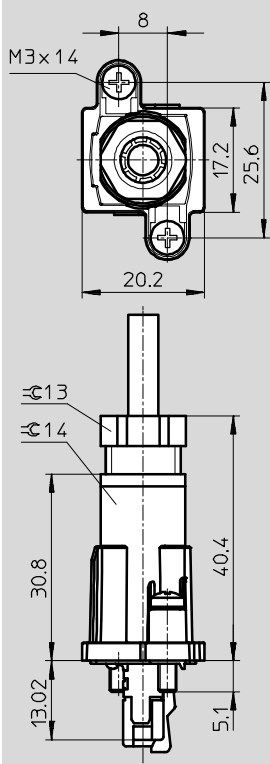
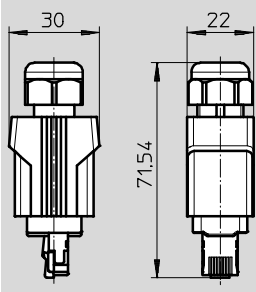
Materials		
Type	FBS-RJ45-8-GS	FBS-RJ45-PP-GS
Housing	Reinforced PA	Nickel-plated die-cast zinc
Screws	Steel	–
Seals	NBR	NBR
Pin contacts	–	Nickel-plated and gold-plated copper alloy
Note on materials	–	RoHS-compliant

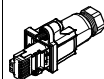
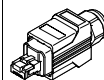
Operating and environmental conditions		
Type	FBS-RJ45-8-GS	FBS-RJ45-PP-GS
Ambient temperature [°C]	–5 ... +60	–40 ... +70
Storage temperature [°C]	–20 ... +70	–40 ... +70
Relative air humidity [%]	0 ... 90, non-condensing, in assembled state	–

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Dimensions		Download CAD data → www.festo.com	
FBS-RJ45-8-GS		FBS-RJ45-PP-GS	
			

Ordering data			
	Electrical connection	Part No.	Type
	Straight plug, 8-pin	534494	FBS-RJ45-8-GS
	Straight plug, push-pull, 8-pin	552000	FBS-RJ45-PP-GS

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1 Festo Inc.
5300 Explorer Drive
Mississauga, ON L4W 5G4
Canada

Festo Customer Interaction Center
Tel: 1 877 463 3786
Fax: 1 877 393 3786
Email: customer.service.ca@festo.com



2 Festo Pneumatic
Av. Ceylán 3,
Col. Tequesquináhuac
54020 Tlalnepantla,
Estado de México

Multinational Contact Center
01 800 337 8669
ventas.mexico@festo.com



3 Festo Corporation
1377 Motor Parkway
Suite 310
Islandia, NY 11749

Festo Customer Interaction Center
1 800 993 3786
1 800 963 3786
customer.service.us@festo.com



4 Regional Service Center
7777 Columbia Road
Mason, OH 45040

Connect with us

www.festo.com/socialmedia



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Subject to change