

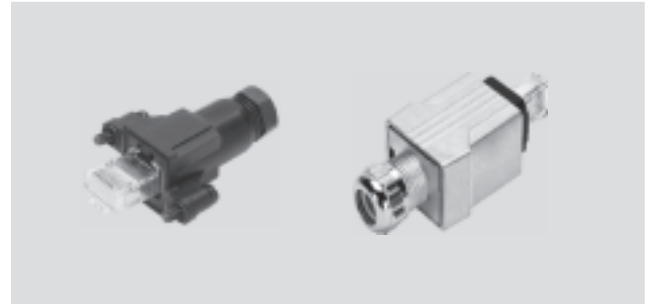
Universal plug connectors NECU, for self-assembly

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 mm ² , 1-wire
	–	0.13 ... 0.36 mm ² , 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	–

Universal plug connectors NECU, for self-assembly

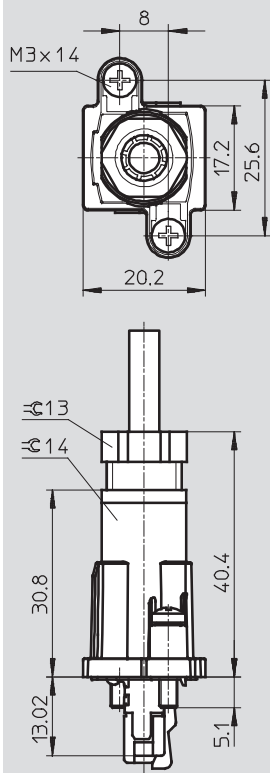
Technical data

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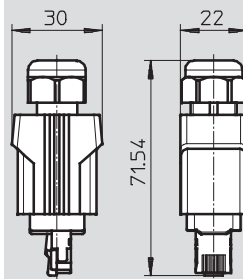
Dimensions

Download CAD Data → www.festo.com/us/cad

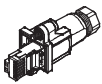
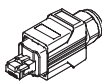
FBS-RJ45-8-GS



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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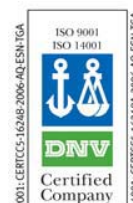
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Festo North America

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

For technical support,

Call: 1.866.GO.FESTO (1.866.463.3786)

Fax: 1.800.96.FESTO (1.800.963.3786)

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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

USA Headquarters

Festo Corporation
395 Moreland Road
P.O. Box 18023
Hauppauge, NY 11788, USA
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

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

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

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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