



Electrical Connection Technology, for Inputs/Outputs

Electrical connection technology, for inputs/outputs

FESTO

Technical data – KM12-DUO

- Plug socket with cable for connecting 2 sensors to an input socket with double allocation
- Pre-assembled at both ends
- Cable length 0.6 m
- Plug, 4-pin, socket, 3-pin



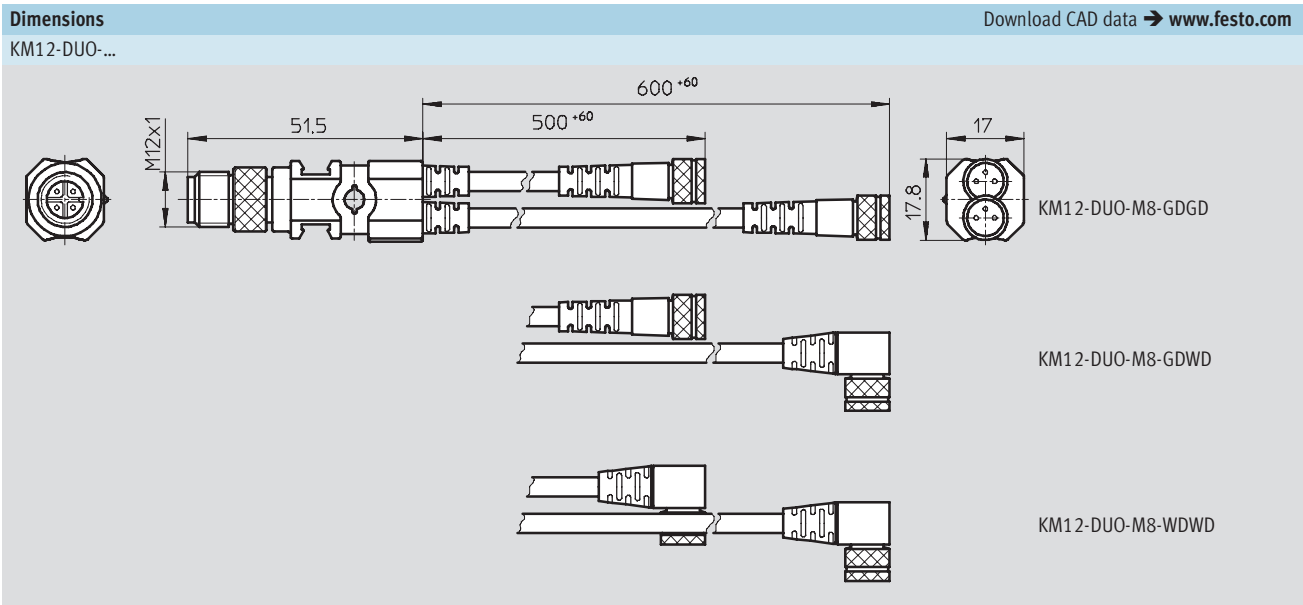
General technical data		
Type	KM12-DUO-...	
Type of mounting	Union nut/threaded connector, threaded connector with mounting option via cable binder or screw M4	
Mounting position	Any	
Operating voltage range	[V]	60 AC
	[V]	75 DC
Current-carrying capacity	[A]	2.8
Protection class to EN 60 529	IP67 (assembled)	
Material of housing	Polyurethane	
Material of contacts	Gold-plated brass	
Material of union nut	Nickel-plated brass	
Material of cable sheath	Polyurethane	
Ambient temperature	[°C]	–30 ... +70
Ambient temperature of flexible cable installation	[°C]	–5 ... +70

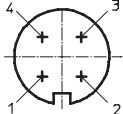
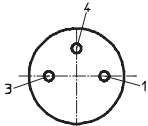
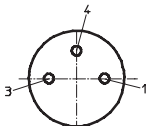
Ordering data							
	Electrical connection	Constructional design [mm ²]	Cable diameter [mm]	Product weight [g]	Cable length [m]	Type	Part No.
	Straight plug, 4-pin, M12 2x straight socket, 3-pin, M8	2x3x0.25	4.5	59	0.6	KM12-DUO-M8-GDGD	18 685
	Straight plug, 4-pin, M12 Straight socket, 3-pin, M8 Angled socket, 3-pin, M8	2x3x0.25	4.5	61	0.6	KM12-DUO-M8-GDWD	18 688
	Straight plug, 4-pin, M12 2x angled socket, 3-pin, M8	2x3x0.25	4.5	60	0.6	KM12-DUO-M8-WDWD	18 687

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Wiring allocation (plug/socket view)			
KM12-DUO-...			
Plug	Wiring allocation	Socket	
	+ (24 V) 1 - (24 V) 3 x (Signal x) 4 x+1 (Signal x+1) 2 Brown Blue Black Black	Brown Blue Black Black 1 + (24 V) 3 - (0 V) 4 x (Signal x)	
		Brown Blue Black 1 + (24 V) 3 - (0 V) 4 x+1 (Signal x+1)	

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Festo North America

United States

Customer Resource Center

502 Earth City Expy., Suite 125
Earth City, MO 63045

For ordering assistance, or to find
your nearest Festo Distributor,

Call: 1.800.99.FESTO

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Headquarters

Festo Corporation
395 Moreland Road
P.O. Box 18023
Hauppauge, NY 11788
www.festo.com/us

Sales Offices

Appleton

N. 922 Tower View Drive, Suite N
Greenville, WI 54942

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Detroit - Automotive Engineering Center

2601 Cambridge Court, Suite 320
Auburn Hills, MI 48326

New York

395 Moreland Road
Hauppauge, NY 11788

Silicon Valley

4935 Southfront Road, Suite F
Livermore, CA 94550

Design and Manufacturing Operations



East: 395 Moreland Road, Hauppauge, NY 11788



Central: 1441 East Business Center Drive, Mt. Prospect, IL 60056



West: 4935 Southfront Road, Suite F, Livermore, CA 94550

Mexico

Headquarters

Festo Pneumatic, S.A.
Av. Ceylán 3, Col. Tequesquihuac
54020 Tlalnepantla, Edo. de México
Call: 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



Canada

Headquarters

Festo Inc.
5300 Explorer Drive
Mississauga, Ontario L4W 5G4
Call: 1.905.624.9000
Fax: 1.905.624.9001
Email: info.ca@ca.festo.com
www.festo.com/ca



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