



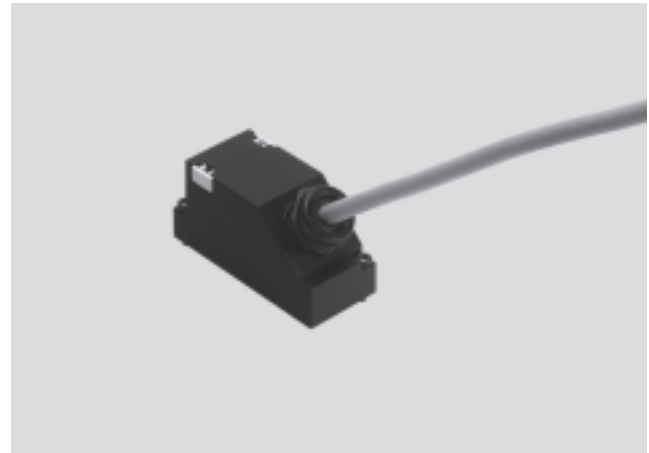
**Electrical Connection Technology,
for Multi-pin Plug Connection, KMP3**

Electrical connection technology, for multi-pin plug connection

FESTO

Technical data – KMP3-...

- Plug socket with cable for multi-pin connection
- Pre-assembled
- Cable lengths of 5 m or 10 m
- 9-pin or 25-pin
- Sub-D



General technical data		
Type	KMP3-9P-...	KMP3-25P-...
Type of mounting	2 M3x16 screws	
Mounting position	Any	
Electrical connection	9-pin Sub-D socket	25-pin Sub-D socket
Nominal operating voltage [V DC]	24	
Current-carrying capacity [A]	3	
Cable diameter [mm]	9.5	12
Protection class to EN 60 529	IP65 (assembled)	
Material of housing	Polyamide (Schulamid, 6GB30)	
Material of contacts	Gold-plated copper base alloy	
Material of cable sheath	Polyvinyl chloride	
Material of seal	Nitrile rubber (NBR)	
Ambient temperature [°C]	–30 ... +80	
Ambient temperature of flexible cable installation [°C]	–5 ... +80	

Ordering data						
	Cable composition [mm ²]	Product weight		Cable length [m]	Type	Part No.
		Cable [g/m]	Total [g]			
	10x0.34		425	5	KMP3-9P-08-5	18 698
	10x0.34		814	10	KMP3-9P-08-10	18 579
	10x0.34	Approx. 117	Acc. to length	Any	KMP3-9P-08-X	18 697
	18x0.34		672	5	KMP3-25P-16-5	18 624
	18x0.34		1,303	10	KMP3-25P-16-10	18 625
	18x0.34	Approx. 180	Acc. to length	Any	KMP3-25P-16-X	18 699
	24x0.25	Approx. 178	Acc. to length	Any	KMP3-25P-22-X	163 971

Electrical connection technology, for multi-pin plug connection

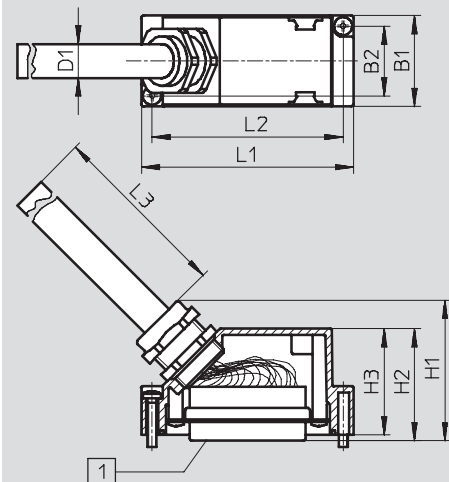
FESTO

Technical data – KMP3-...

Dimensions

Download CAD data → www.festo.com

KMP3-...



Type	1	B1	B2	D1	H1	H2	H3	L1	L2	L3
KMP3-09P-...	9-pin Sub-D socket	30	23	8.3	43	37	35	50	43	Length according to type (5 m, 10 m or any)
KMP3-25P-...	25-pin Sub-D socket	30	23	11.2	47	37	35	70	63	

Wiring allocation (socket view)

KMP3-9P-...

	Pin	Core colour	Pin	Core colour
	1	White	6	Blue
	2	Green	7	Red
	3	Yellow	8	Purple
	4	Grey	9	Black
	5	Pink	–	Brown

	KMP3-25P-16-...				KMP3-25P-22-...			
	Pin	Core colour	Pin	Core colour	Pin	Core colour	Pin	Core colour
	1	White	14	Yellow-brown	1	White	14	Yellow-brown
	2	Green	15	White-grey	2	Green	15	White-grey
	3	Yellow	16	Grey-brown	3	Yellow	16	Grey-brown
	4	Grey	17	–	4	Grey	17	White-pink
	5	Pink	18	–	5	Pink	18	Pink-brown
	6	Blue	19	–	6	Blue	19	White-blue
	7	Red	20	–	7	Red	20	Brown-blue
	8	Purple	21	–	8	Purple	21	White-red
	9	Grey-pink	22	–	9	Grey-pink	22	Brown-red
	10	Red-blue	23	–	10	Red-blue	23	–
	11	White-green	24	Brown	11	White-green	24	Brown
	12	Brown-green	25	Black	12	Brown-green	25	Black
	13	White-yellow	–	–	13	White-yellow	–	–

Product Range and Company Overview

A Complete Suite of Automation Services

Our experienced engineers provide complete support at every stage of your development process, including: conceptualization, analysis, engineering, design, assembly, documentation, validation, and production.



Custom Automation Components
Complete custom engineered solutions



Custom Control Cabinets
Comprehensive engineering support and on-site services



Complete Systems
Shipment, stocking and storage services

The Broadest Range of Automation Components

With a comprehensive line of more than 30,000 automation components, Festo is capable of solving the most complex automation requirements.



Electromechanical
Electromechanical actuators, motors, controllers & drives



Pneumatics
Pneumatic linear and rotary actuators, valves, and air supply



PLCs and I/O Devices
PLC's, operator interfaces, sensors and I/O devices

Supporting Advanced Automation... As No One Else Can!

Festo is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with more than 12,000 employees in 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education and development of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

Quality Assurance, ISO 9001 and ISO 14001 Certifications

Festo Corporation is committed to supply all Festo products and services that will meet or exceed our customers' requirements in product quality, delivery, customer service and satisfaction.

To meet this commitment, we strive to ensure a consistent, integrated, and systematic approach to management that will meet or exceed the requirements of the ISO 9001 standard for Quality Management and the ISO 14001 standard for Environmental Management.



© Copyright 2008, Festo Corporation. While every effort is made to ensure that all dimensions and specifications are correct, Festo cannot guarantee that publications are completely free of any error, in particular typing or printing errors. Accordingly, Festo cannot be held responsible for the same. For Liability and Warranty conditions, refer to our "Terms and Conditions of Sale", available from your local Festo office. All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, electronic, mechanical, photocopying or otherwise, without the prior written permission of Festo. All technical data subject to change according to technical update.



Printed on recycled paper at New Horizon Graphic, Inc., FSC certified as an environmentally friendly printing plant.

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

Fax: 1.800.96.FESTO

Email: customer.service@us.festo.com

For technical support,

Call: 1.866.GO.FESTO

Fax: 1.800.96.FESTO

Email: product.support@us.festo.com

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

Boston

120 Presidential Way, Suite 330
Woburn, MA 01801

Chicago

1441 East Business Center Drive
Mt. Prospect, IL 60056

Dallas

1825 Lakeway Drive, Suite 600
Lewisville, TX 75057

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. Tequesquahuac
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



Festo Worldwide

Argentina Australia Austria Belarus Belgium Brazil Bulgaria Canada Chile China Colombia Croatia Czech Republic Denmark
Estonia Finland France Germany Great Britain Greece Hong Kong Hungary India Indonesia Iran Ireland Israel Italy Japan
Latvia Lithuania Malaysia Mexico Netherlands New Zealand Norway Peru Philippines Poland Romania Russia Serbia Singapore
Slovakia Slovenia South Africa South Korea Spain Sweden Switzerland Taiwan Thailand Turkey Ukraine United States Venezuela

www.festo.com