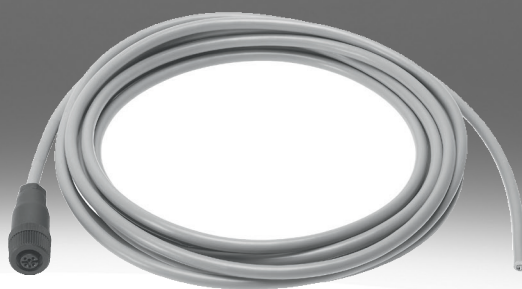


Connecting cable KMPYE

FESTO



Type code

001	Series	
KMPYE	Connecting cable	
002	Use	
AIF	Analogue input signals	
003	Cable characteristic	
1	Suitable for energy chains	

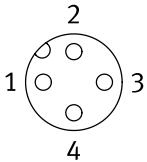
004	Electrical connection 2, connection technology	
GS	Straight plug	
005	Electrical connection 1, connection technology	
GD	Straight socket	
006	Cable length [m]	
0.3	0.3	
2	2	
5	5	

Datasheet

General technical data – Connecting cable for proportional directional control valves MPYE

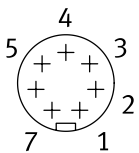
Operational voltage range DC	0 ... 50 V
Conforms to standard	EN 61076-2-101
Additional functions	Product-specific pin allocation
Frequency of connection	500
Immunity to surge	2 kV

Technical data – Electrical connection 1 – Connecting cable for proportional directional control valves MPYE



Electrical connection 1, type of mounting	Screw-type lock with 18 mm A/F and longitudinal knurl
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	4

Technical data – Electrical connection 2 – Connecting cable for proportional directional control valves MPYE



Electrical connection 2, connector system	M9x0.5
Electrical connection 2, function	Controller side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plugs
Electrical connection 2, cable outlet	Straight
Electrical connection 2, number of connections/cores	7
Electrical connection 2, used connections/cores	6
Electrical connection 2, type of mounting	Screw-type lock

Datasheet

Technical data – Cables – Connecting cable for proportional directional control valves MPYE

Cable structure	8 x 0.24 mm ²
Cable length	0.3 ... 2 m
Cable diameter	5.6 mm
Cable sheath colour	Black
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, moving cable	≥75 mm
Nominal cross section conductor	0.24 mm ²

Operating and environmental conditions – Connecting cable for proportional directional control valves MPYE

Ambient temperature	-25 ... 85°C
Ambient temperature with moving cable	-5 ... 80°C
Degree of protection	IP65
Note on degree of protection	In assembled state
Pollution degree	1

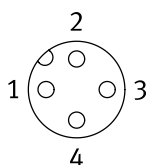
Materials – Connecting cable for proportional directional control valves MPYE

Note on materials	RoHS-compliant
Material cable sheath	TPE-U(PUR)
LABS (PWIS) conformity	VDMA24364-B2-L

General technical data – Plug socket with cable for connecting the proportional directional control valve MPYE to an end-position controller SPC11

Operational voltage range DC	0 ... 30 V
Permissible current load	4 A
Conforms to standard	EN 61076-2-101
Immunity to surge	2.5 kV

Technical data – Electrical connection 1 – Plug socket with cable for connecting the proportional directional control valve MPYE to an end-position controller SPC11



Electrical connection 1, type of mounting	Screw-type lock with 18 mm hexagon and longitudinal knurl
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	4

Datasheet

Technical data – Electrical connection 2 – Plug socket with cable for connecting the proportional directional control valve MPYE to an end-position controller SPC11

Electrical connection 2, connector system	Open end
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, number of connections/cores	4
Electrical connection 2, used connections/cores	4

Technical data – Cable – Plug socket with cable for connecting the proportional directional control valve MPYE to an end-position controller SPC11

Cable structure	4 x 0.25 mm ²
Cable length	5 m
Cable diameter	6.2 mm
Cable sheath colour	Grey
Test conditions cable	Test conditions on request
Bending radius, moving cable	≥90 mm
Nominal cross section conductor	0.25 mm ²

Operating and environmental conditions – Plug socket with cable for connecting the proportional directional control valve MPYE to an end-position controller SPC11

Ambient temperature	-40 ... 80°C
Ambient temperature with moving cable	-25 ... 80°C
Degree of protection	IP65
Note on degree of protection	In assembled state
Pollution degree	3

Materials – Plug socket with cable for connecting the proportional directional control valve MPYE to an end-position controller SPC11

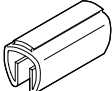
Note on materials	RoHS-compliant
Material cable sheath	PVC
LABS (PWIS) conformity	VDMA24364-B2-L

Ordering data

Connecting cable for proportional directional control valves MPYE					
	Electrical connection 1, connector system	Electrical connection 2, connector system	Cable length	Part no.	Type
	M12x1, A-coded to EN 61076-2-101	Open end	5 m	151909	KMPYE-5

Plug socket with cable for connecting the proportional directional control valve MPYE to an end-position controller SPC11					
	Electrical connection 1, connector system	Electrical connection 2, connector system	Cable length	Part no.	Type
	M12x1, A-coded to EN 61076-2-101	M9x0.5	0.3 m	170239	KMPYE-AIF-1-GS-GD-0,3
			2 m	170238	KMPYE-AIF-1-GS-GD-2

Accessories

Inscription label	Description	Part no.	Type
	For attaching to a cable with diameter 5 ... 8 mm	33361	KM-BZ