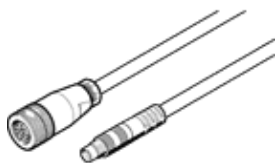
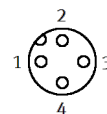


# Connecting cable KMPYE-AIF-1-GS-GD-2

Part number: 170238

FESTO

Pre-assembled, for proportional directional control valves.



## Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101
Additional functions	Product-specific pin allocation
Cable identification	with accessories
Connection frequency	500
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 1, number of pins/wires	4
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Screw-type lock with width across flats 18 and longitudinal knurl
Electrical connection 2, function	Controller side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	M9x0,5
Electrical connection 2, number of pins/wires	7
Electrical connection 2, occupied pins/wires	6
Electrical connection 2, type of mounting	Screw lock
Operating voltage range DC	0 ... 50 V
Acceptable current load at 40°C	1 A
Surge strength	2 kV
Cable length	2 m
Cable attribute	Suitable for energy chains
Test conditions of cable	Test conditions on request
Bending radius, flexible cable installation	≥ 75 mm
Cable diameter	5.6 mm
Cable structure	8x0,24 Shielded
Nominal conductor cross-section	0.24 mm <sup>2</sup>
Protection class	IP65
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 85 °C
Ambient temperature with flexible cable installation	-5 ... 80 °C
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Degree of contamination	1
Material cable sheath	TPE-U(PUR)
Cable sheath color	Black