

# Connecting cable KMPYE-AIF-1-GS-GD-0,3

Part number: 170239

FESTO



 General operating condition

## Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101
Additional functions	Product-specific pin allocation
Cable designation	With accessories
Frequency of connection	500
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
Electrical connection 1, type of mounting	Screw-type lock with 18 mm A/F and longitudinal knurl
Electrical connection 1, connection pattern	00995385
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, connector system	M9x0.5
Electrical connection 2, number of connections/cores	7
Electrical connection 2, used connections/cores	6
electrical connection 2, type of mounting	Screw-type lock
Electrical connection 2, connection pattern	00995748
Operational voltage range DC	0 V ... 50 V
Current rating at 40° C	1 A
Immunity to surge	2 kV
Shielding	yes
Cable length	0.3 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, moving cable	≥75 mm
Cable diameter	5.6 mm
Cable structure	8 x 0.24 mm <sup>2</sup>
Nominal cross section conductor	0.24 mm <sup>2</sup>
Degree of protection	IP65
Note on degree of protection	In assembled state
Ambient temperature	-25 °C ... 85 °C

<b>Feature</b>	<b>Value</b>
Ambient temperature with moving cable	-5 °C ... 80 °C
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Pollution degree	1
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black