

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

Part number: 170238

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
Contact durability	500
Electrical connection 1, function	Field device end
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M12x1 A-coded as per 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 AF 18 and longitudinal knurl
Electrical connection for input 1, connection pattern	00995385
Electrical connection 2, function	Control 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-type lock
Electrical connection 2, connection pattern	00995748
DC operating voltage range	0 V ... 50 V
Current rating at 40° C	1 A
Surge resistance	2 kV
Shield	yes
Cable length	2 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, flexible cable installation	≥75 mm
Cable diameter	5.6 mm
Cable design	8 x 0.24 mm <sup>2</sup>
Nominal conductor cross section	0.24 mm <sup>2</sup>
Degree of protection	IP65
Note on degree of protection	In mounted state
Ambient temperature	-25 °C ... 85 °C

<b>Feature</b>	<b>Value</b>
Ambient temperature with flexible cable installation	-5 °C ... 80 °C
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Contamination level	1
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Black