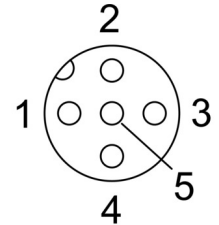


# Connecting cable KV-M12-M12-3,5

Part number: 530901

FESTO



## Data sheet

Feature	Value
Type code	KV
Additional functions	Pin 5 of plug leading
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	5
Electrical connection 1, occupied pins/wires	5
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00995384
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	M12x1 A-coded as per EN 61076-2-101
Electrical connection 2, number of pins/wires	5
Electrical connection 2, occupied pins/wires	5
Electrical connection 2, type of mounting	Screw-type lock
Electrical connection 2, connection pattern	00995383
DC operating voltage range	0 V ... 30 V
Operating voltage range AC	0 V ... 30 V
Current rating at 40°C	4 A
Surge resistance	1.5 kV
Cable length	3.5 m
Cable characteristic	Standard
Connector cable test conditions	Test conditions on request
Cable diameter	5 mm
Cable design	4 x 0.34 mm <sup>2</sup> Shielded
Nominal conductor cross section	0.34 mm <sup>2</sup>

Feature	Value
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Ambient temperature	-25 °C ... 70 °C
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
Note on materials	RoHS-compliant
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Light gray
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Seals material	FPM
Material of pin contacts	Bronze, gold-plated Brass, gold-plated
Insulating sheath material	PVC