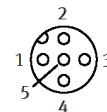


# Connecting cable KV-M12-M12-3,5

Part number: 530901

FESTO

for modular electrical terminal CPX.



## Data sheet

Feature	Value
Additional functions	Pin 5 of plug leading
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	5
Electrical connection 1, occupied pins/wires	5
Electrical connection 1, type of mounting	Screw lock
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	M12x1, A-coded in accordance with 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 lock
Operating voltage range DC	0 ... 30 V
Operating voltage range AC	0 ... 30 V
Acceptable current load at 40°C	4 A
Surge strength	1.5 kV
Shielding	Yes
Cable length	3.5 m
Cable attribute	Standard
Test conditions of cable	Test conditions on request
Cable diameter	5 mm
Cable structure	4x0,34 Shielded
Nominal conductor cross-section	0.34 mm <sup>2</sup>
Protection class	IP65 IP67
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 70 °C
Ambient temperature with flexible cable installation	-5 ... 70 °C
CE symbol (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath color	light grey

Feature	Value
Material housing	TPE-U(PUR)
Housing color	Black
Material screw-type lock	Nickel-plated brass
Material seals	FPM
Material electrical contact	Gold-plated bronze Brass, gold-plated
Material insulation	PVC