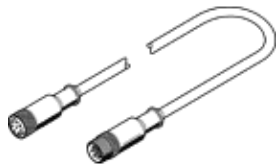
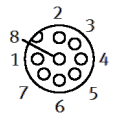


connecting cable KM12-8GD8GS-2-PU

Part number: 525617

FESTO



Data sheet

Feature	Value
Conforms to standard	DIN 47100 EN 61076-2-101
Cable identification	Without inscription label holder
Product weight	156 g
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 to EN 61076-2-101
Electrical connection 1, number of pins/wires	8
Electrical connection 1, occupied pins/wires	8
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 to EN 61076-2-101
Electrical connection 2, number of pins/wires	8
Electrical connection 2, occupied pins/wires	8
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	2 A
Surge strength	1.5 kV
Cable length	2 m
Bending radius, fixed cable installation	≥ 32 mm
Bending radius, flexible cable installation	≥ 64 mm
Cable diameter	6.2 mm
Cable structure	8x0,25 Shielded
Nominal conductor cross-section	0.25 mm ²
Protection class	IP68
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 80 °C
Ambient temperature with flexible cable installation	0 ... 80 °C
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material screw-type lock	Nickel-plated brass
Material seals	FPM
Material electrical contact	Nickel-plated and gold-plated bronze
Material insulation	PVC