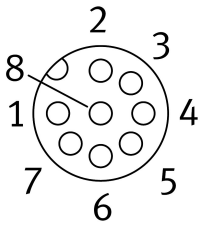
Plug socket with cable
SIM-M12-8GD-15-PU

Part number: 5105631





Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101
Cable designation	Without inscription label holder
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	8
Electrical connection 1, used connections/cores	8
Electrical connection 1, type of mounting	Screw-type lock Rotatable
Electrical connection 1, compatible type of mounting	Compatible with rotatable/non-rotatable screw-type lock
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	8
Electrical connection 2, used connections/cores	8
Operational voltage range DC	0 V...30 V
Operational voltage range AC	0 V...30 V
Current rating at 40° C	2 A
Immunity to surge	0.8 kV
Shielding	yes
Cable length	15 m
Cable characteristic	Standard
Bending radius, fixed cable	32 mm
Bending radius, moving cable	66 mm
Cable diameter	6.3 mm
Cable diameter tolerance	± 0.2 mm
Cable structure	8 x 0.25 mm²
Nominal cross section conductor	0.25 mm²

Feature	Value
Wire ends	Tin-plated
Degree of protection	IP67
Note on degree of protection	In assembled state
Ambient temperature	-25 °C...80 °C
Ambient temperature with moving cable	-5 °C...80 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Pollution degree	3
Note on the contamination level	In mounted state
Corrosion resistance class CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material housing	TPE-U(PUR)
Material screw-type lock	Brass, chrome-plated
Material seals	NBR
Material electrical contact	Gold-plated copper alloy
Material insulating sheath	PP