

Connecting Cable SIM-K-4-WD-5-PU - Festo 164253

Item no.	FES-164253	Manufacturer	Festo
Manufacturer no.	SIM-K-4-WD-5-PU	EAN	4052568073374

Festo fitting or line component for fast, leak-tight and pressure-resistant compressed-air connections.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
HS-Code	85444290
Schutzart	IP65
Weight	0.14 kg



STANDARDS & COMPLIANCE

EN 61984 EN 60947 EN 61076-2-104

DESCRIPTION

Festo fitting or line component for fast, leak-tight and pressure-resistant compressed-air connections. The key technical data of this genuine Festo article are listed below.

Complies to standard	EN 61076-2-104 EN 61984 Wire colours and connection numbers according to EN 60947/5/2
Operating voltage range DC [V]	0 to 30
Operating voltage range AC [V]	0 to 30
Current carrying capacity at 40°C [A]	3,0
Surge voltage strength [kV]	0,8
Cable length [MTR]	5,0
Line properties	Standard
Test conditions line	Bending radius strength to Festo standard Cable track: 5 million cycles, bending radius 28 mm Test conditions on request
Cable diameter [mm]	4,5
Cable set up	4x0,25

Conductor - nominal cross-section [mm ²]	0,25
Protection category	IP65 IP67
ambient temperature [°C]	-25 to 70
Ambient temperature for moving cable placements [°C]	-5 to 70
Material information	halogen free Copper and PTFE-free RoHs compliant
Degree of contamination	3
Corrosion resistant class KBK	4 - particularly severe corrosion stress
Cable sleeve material	TPE-U(PUR)
Cable shield colour	 Grey
Housing material	TPE-U(PUR)
Housing colour	 black
Seals material	NBR
Plug contacts material	brass, Gold plated
Insulation sleeve material	PP
Line designation	Without sign holder
Connection frequency	100
Electrical connection 1, function	Field device screen
Electrical connection 1, design	round
Electrical connection 1, connection type	socket / container /
Electrical connection 1, cable output	Angled
Electrical connection 1, connection technology	M8 interlock A coded to EN 61076-2-104
Electrical connection 1, number of pins / wires	4
Electrical connection 1, occupied pin / wire	4
Electrical connection 1, fastening type	Ratcheting lock
Electrical connection 2, function	Control screen
Electrical connection 2, connection type	cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins / wires	4
Electrical connection 2, occupied pin / wire	4
Bending radius, permanent cable placement [mm]	>= 23 mm
Bending radius, moving cable placement [mm]	>= 46 mm
Tolerance cable diameter	± 0,1 mm
Wire ends	Wire end sleeve

Information about protection
category

Bearing temperature [°C]

In mounted condition

-25 to 70