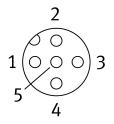
Connecting cable NEBB-M12W5-P-5-LE5 Part number: 8066686





Data sheet

EN 61076-2-101Explosion prevention and protectionObserve the information on the certificate Zone 2 (ATEX) Zone 22 (ATEX)Cable designationWith label holderElectrical connection 1, functionField device endElectrical connection 1, designRoundElectrical connection 1, connection typeSocketElectrical connection 1, connection technologyM12x1 A-coded as per EN 61076-2-101Electrical connection 1, occupied pins/wires5Electrical connection 1, occupied pins/wires5Electrical connection 1, occupied pins/wires5Electrical connection 1, occupied pins/wires5Electrical connection 2, connection typeCableElectrical connection 2, connection typeCableElectrical connection 2, connection technologyOpen endElectrical connection 2, number of pins/wires5DC operating voltage range0 V60 VOC operating voltage range AC0 V60 VCurrent rating at 40° C4 ASurge resistance1.5 kVCable length5 mCable length5 mCable length5 mCable length5 mCable length5 mCable conditionsTest conditions on requestBether ratio1.6 mmCable ratio conditionsTest conditions on requestBether ratio5 mmCable length5 mCable length5 mCable length5 mCable length5 mCable length5 mCable c	Feature	Value
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Electrical connection 1, occupied pins/wires5Electrical connection 1, type of mountingScrew-type lock with AF 13Electrical connection 2, functionControl sideElectrical connection 2, connection typeCableElectrical connection 2, connection technologyOpen endElectrical connection 2, number of pins/wires5Electrical connection 2, occupied pins/wires5Electrical connection 2, occupied pins/wires5Do operating voltage range0 V60 VOperating voltage range AC0 V60 VCurrent rating at 40° C4 ASurge resistance1.5 kVCable length5 mCable length5 mCable tharacteristicfor static applicationsConnector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, type of mountingScrew-type lock with AF 13Electrical connection 2, functionControl sideElectrical connection 2, connection typeCableElectrical connection 2, connection technologyOpen endElectrical connection 2, number of pins/wires5Electrical connection 2, occupied pins/wires5Coperating voltage rangeO V60 VOperating voltage range ACO V60 VCurrent rating at 40° C4 ASurge resistance1.5 kVCable length5 mCable characteristicfor static applicationsConnector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Electrical connection 1, number of pins/wires	5
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Electrical connection 2, connection technologyOpen endElectrical connection 2, number of pins/wires5Electrical connection 2, occupied pins/wires5Coperating voltage range0 V60 VOperating voltage range AC0 V60 VCurrent rating at 40° C4 ASurge resistance1.5 kVCable length5 mCable characteristicfor static applicationsConnector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable design5 x 0.25 mm²	Electrical connection 2, function	Control side
Electrical connection 2, number of pins/wires5Electrical connection 2, occupied pins/wires5OC operating voltage range0 V60 VOperating voltage range AC0 V60 VOperating voltage range AC4 ASurge resistance1.5 kVCable length5 mCable characteristicfor static applicationsConnector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Electrical connection 2, connection type	Cable
Electrical connection 2, occupied pins/wires5C operating voltage range0 V60 VOperating voltage range AC0 V60 VCurrent rating at 40° C4 ASurge resistance1.5 kVCable length5 mCable characteristicfor static applicationsConnector cable test conditions14 mmSending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Electrical connection 2, connection technology	Open end
DC operating voltage rangeO V60 VOperating voltage range ACO V60 VCurrent rating at 40° C4 ASurge resistance1.5 kVCable length5 mCable characteristicfor static applicationsConnector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Electrical connection 2, number of pins/wires	5
Operating voltage range ACO V60 VCurrent rating at 40° C4 ASurge resistance1.5 kVCable length5 mCable characteristicfor static applicationsConnector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Electrical connection 2, occupied pins/wires	5
Current rating at 40° C4 ASurge resistance1.5 kVCable length5 mCable characteristicfor static applicationsConnector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	DC operating voltage range	0 V60 V
Surge resistance1.5 kVCable length5 mCable characteristicfor static applicationsConnector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Operating voltage range AC	0 V60 V
Cable length5 mCable characteristicfor static applicationsConnector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Current rating at 40° C	4 A
Cable characteristicfor static applicationsConnector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Surge resistance	1.5 kV
Connector cable test conditionsTest conditions on requestBending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Cable length	5 m
Bending radius, fixed cable installation14 mmCable diameter4.5 mmCable design5 x 0.25 mm²	Cable characteristic	for static applications
Cable diameter 4.5 mm Cable design 5 x 0.25 mm ²	Connector cable test conditions	Test conditions on request
Cable design 5 x 0.25 mm ²	Bending radius, fixed cable installation	14 mm
	Cable diameter	4.5 mm
Nominal conductor cross section 0.25 mm ²	Cable design	5 x 0.25 mm ²
	Nominal conductor cross section	0.25 mm ²

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Feature	Value
Wire ends	Stripped Cut off bluntly
Degree of protection	IР65 IР68 IР69К
Note on degree of protection	In mounted state
Ambient temperature	-25 °C70 °C
CE marking (see declaration of conformity)	As per EU low voltage directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions To UK instructions for electrical equipment
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom class	Class 4 according to ISO 14644-1
Note on materials	RoHS-compliant
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	PVC
Color cable sheath	Gray
Housing material	TPE-U(PU)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Seals material	NBR
Material of pin contacts	Copper alloy, gold-plated
Insulating sheath material	PVC