Product data sheet

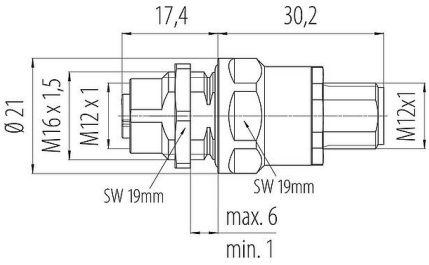
Automation technology - Voltage and Power Supply

Product description	**M12 Lead-through for control cabinet, Contacts: 4+FE, shielded, pluggable, IP67, UL 2238, M12x1.0, Rear mounting**
Area	**M12-L**
Coding	**L-coded**
Series	**823**
Part no.	**09 5291 10 05**

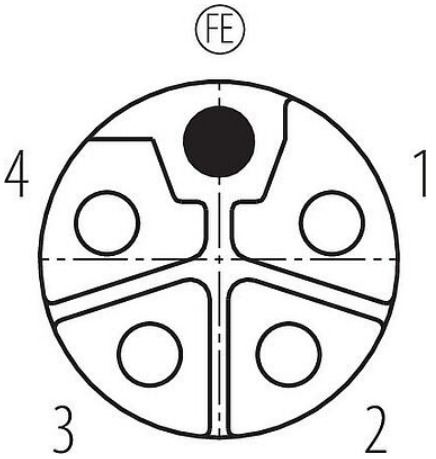
Illustration (may vary)



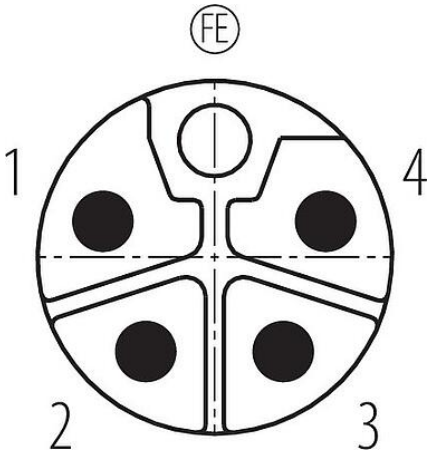
Scale drawing



Contact arrangement (Plug-in side)



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	09 5291 10 05
Connector design	Lead-through for control cabinet
Type standard	DIN EN IEC 61076-2-111:2018-10;VDE 0687-76-2-111:2018-10

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Coding	L-coded
Connector locking system	screw
Termination	pluggable
Degree of protection	IP67
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	39.99
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	63 V
Rated impulse voltage	1500 V
Rated current	16.0 A
Pollution degree	3
Overvoltage category	II
Insulating material group	II
EMC compliance	shielded

Material

Housing material	CuZn (Brass nickel plated)
Contact body material	PA grey
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	88143c21-47e1-453e-9405-70fc78e0b030

Authorization/approvals

Approvals	UL 2238

Classifications

ETIM 9.0	EC003569

Declarations of conformity

Low Voltage Directive	EN 60529:1991 | EN 60204-1:2018
RoHS Directive	EN IEC 63000:2018

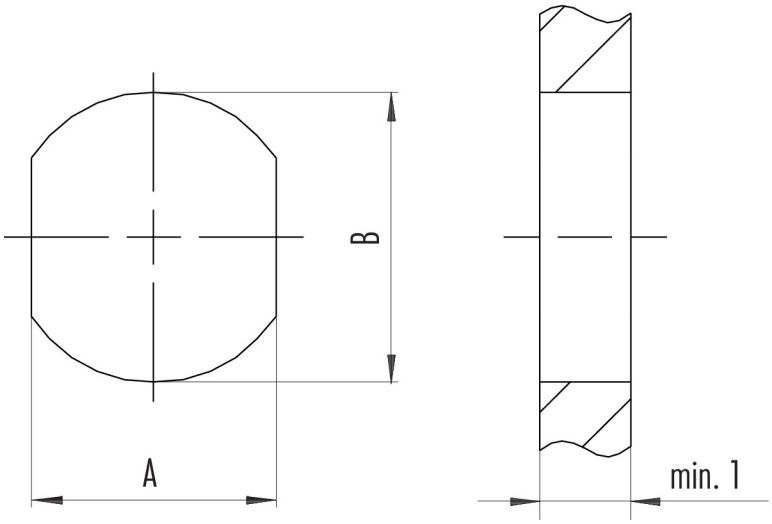
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Assembly instructions / Panel cut-out

Lead-through for control cabinet with bore hole



	A	B
M8	13,5	16,1
M12	13,5	16,1

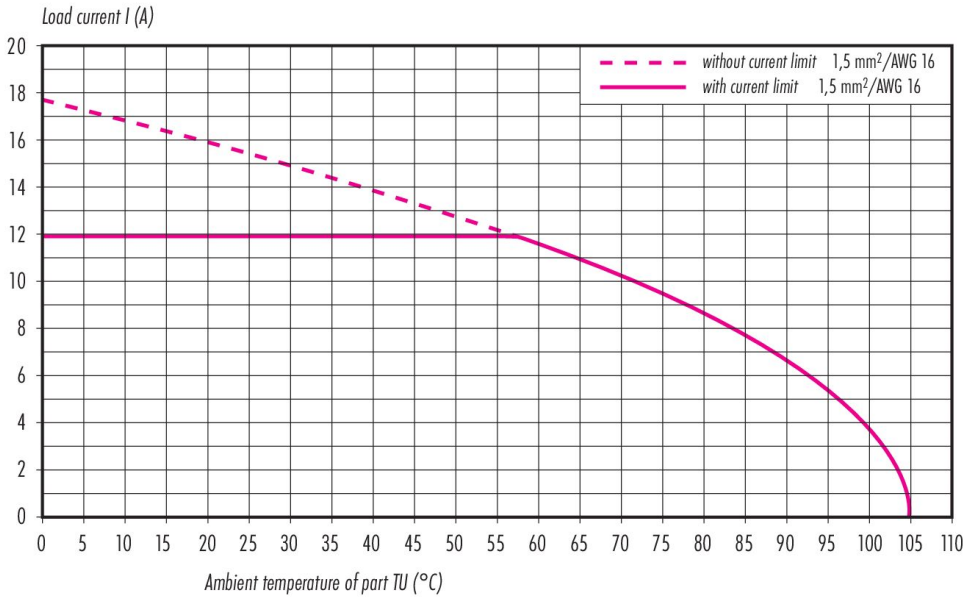
Tightening torque
3 Nm

Product data sheet

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Derating curve

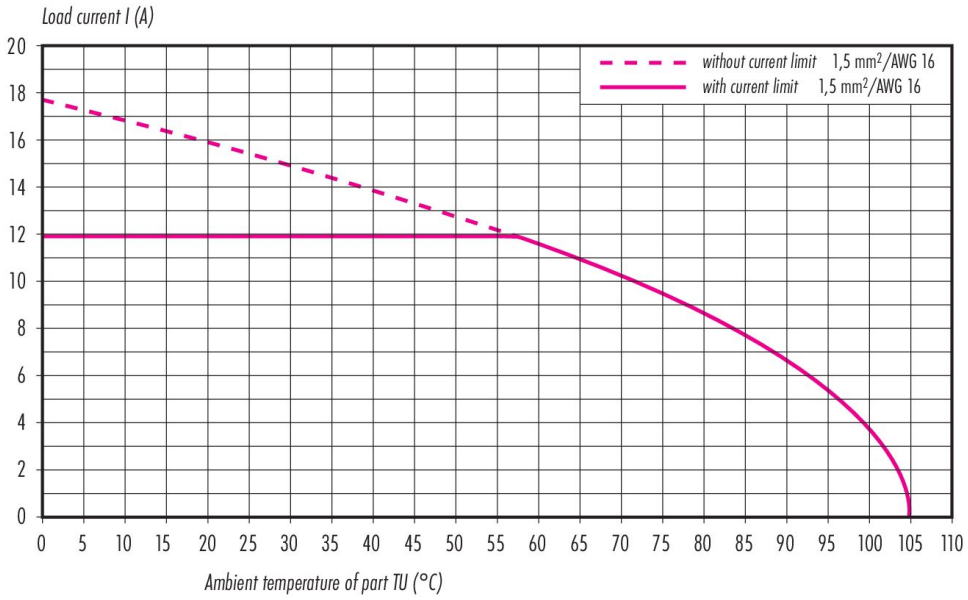


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Derating curve



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Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 60 cNm).