

Product data sheet

Automation technology - Voltage and Power Supply



Product description **M12 Female panel mount connector, Contacts: 4, unshielded, single wires, IP68, UL, M16x1.5**
 Area **series 814**
 Part no. **76 0242 0136 00034-0200**

Insulating material group II
 EMC compliance unshielded

Material

Housing material Zinc die-cast nickel-plated
 Contact body material PA
 Contact material CuSn (bronze)
 Contact plating Au (gold)
 REACH SVHC CAS 7439-92-1 (Lead)
 SCIP number ad2c5714-a19c-4f1e-a8e8-96eb3638f5
 PFAS present yes

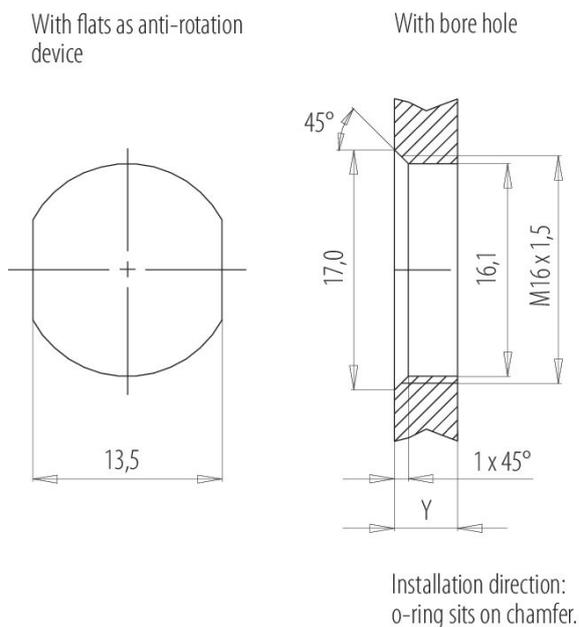
Authorization/approvals

Approvals UL

Classifications

eCl@ss 11.1 27-44-01-09
 ETIM 9.0 EC003569

Assembly instructions / Panel cut-out



Tightening moment

Metall housing/Plastic housing 1,25 Nm

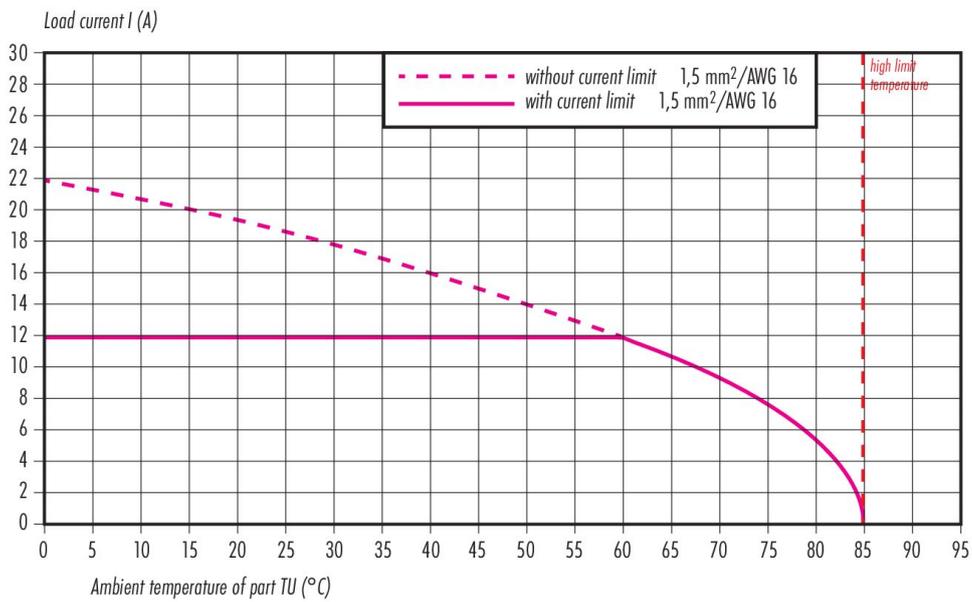
Thickness of wall Y (mm)		
Version	min (mm)	max (mm)
Fastened from rear	2	3,5
Front fastened	2	4,5
positioning possible ¹⁾	2	3,5
Screw clamp	2	3,5
Thread M12 x 1	2	3,0
Thread M14 x 1 ²⁾	³⁾ 1,5/ ⁴⁾ 2	6,5

Notes

- ¹⁾ Do not attach a chamfer
- ²⁾ Wall thickness:
use nut 38 5385 100 001 up to 1,5 mm,
> 1,5 mm cut thread
- ³⁾ Nut
- ⁴⁾ Thread in wall of housing

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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).

In the case of cable connectors with a metal threaded ring, it is imperative to ensure a connection with the PE protective contact of the appliance connector. Connecting cables between appliance connectors that are not connected to the PE contact are not permitted. The user must ensure a continuous connection of the protective earth conductor.