75009705	DATA SHEET	LAPP
Valid from: 31.10.2018	EPIC® SIGNAL M23 KIT F6 12 PINS SOLDER TERMINATION	

Description

- Circular connector for servo cables and encoders
- Low-resistance screen contact
- Optimum EMC protection
- Use of high quality materials for increased reliability
- Complete connector with housing and insulation body, equipped with suitable solder contacts



Components of the Combination

Article number of the combination	75009705
Housing	SIGNAL M23 F6 (44420040)
Insert	12 (E-Part) Pin with solder termination (73002720)

General characteristics

Series	SIGNAL M23
Type	F6, Coupling connector
Version	Male
Connection type	Solder termination
Coding	Black (N)
Pin-arrangement	12 (E-Part)
Contact diameter	1 mm
Termination cross section	Up to 1 mm²
Clamping range	7,0 mm – 13,5 mm
Degree of protection	IP 68 (10 h / 1 m) (latched)
Cycles of mechanical operation	100
Temperature range	-25 °C to +125 °C

Materials and surfaces

Housing, base material	Zinc die-cast
Housing, surface	Nickel
Sealing	FPM/FKM
Insert	PA
Contact, base material	Brass
Contact, surface	Gold

Electrical characteristics

Rated voltage	100 V
Rated impulse voltage	1,5 kV
Rated current	7 A
Contact resistance	< 4 mOhm
Verschmutzungsgrad	3

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Approvals

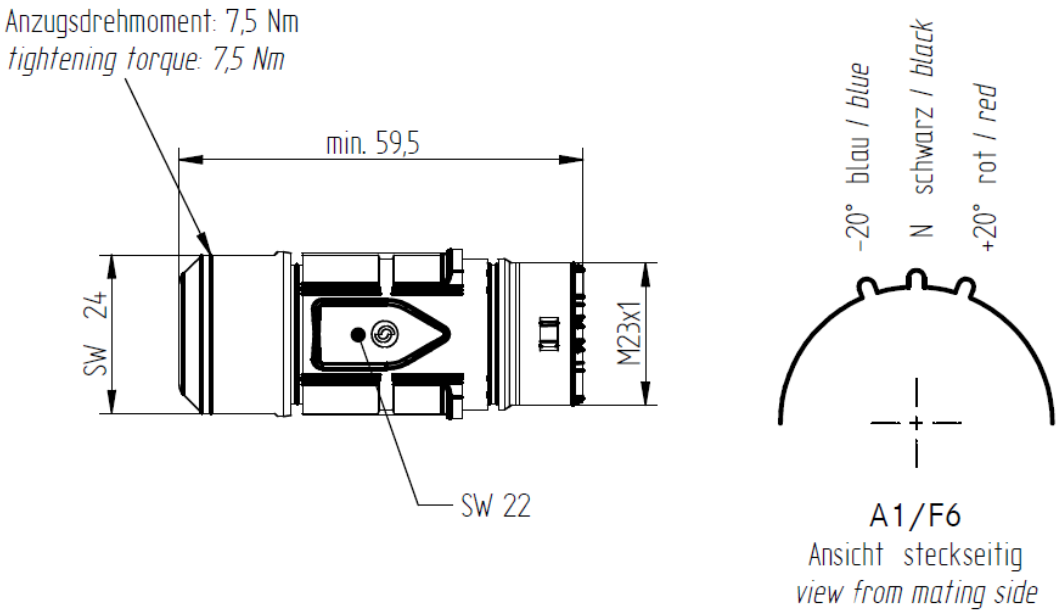
VDE-Approval, VDE-REG.-Nr.	C024
UL File Number	E249137

Standards

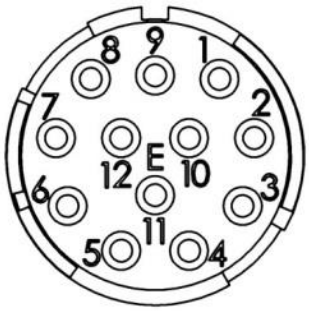
Safety Standard	IEC 61984; UL 1977

Technical Drawings

Housing

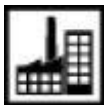


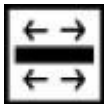
Insert



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Good chemical resistance

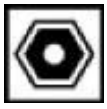

Industrial machinery and plant engineering


Optimum strain relief


Mechanical resistance


Assembly time


Robust


Integrated SKINTOP® cable gland


Wind energy


Variety of approval certifications

Info

Robust metal connector with integrated EMC cable gland

Application range

Plant engineering
Servo drives and Servo assemblies
Measurement and control technology
Apparatus construction

Remark

Photographs are not to scale and do not represent detailed images of the respective products.

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