

| | | |
|---------------------------|---|---|
| 75009707 | DATA SHEET |  |
| Valid from: 31.10.2018 | EPIC[®] SIGNAL M23 KIT A1 17 PIN 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 | 75009707 |
| Housing | SIGNAL M23 A1 (72004000) |
| Insert | 17 Pin (E-Part) with solder termination (73028500) |

General characteristics

| | |
|--------------------------------|------------------------------|
| Series | SIGNAL M23 |
| Type | A1, Panel mounted |
| Version | Male |
| Connection type | Solder termination |
| Coding | Black (N) |
| Pin-arrangement | 17 (E-Part) |
| Contact diameter | 1 mm |
| Termination cross section | Up to 1 mm ² |
| 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 | 50 V |
| Rated impulse voltage | 0,8 kV |
| Rated current | 7 A |
| Contact resistance | < 4 mOhm |
| Verschmutzungsgrad | 3 |

AbN
automation

| | | |
|---|---------------------------------------|-------------|
| Creator: STKU3/PDP Released: IVSE1/PDP | Document: DB75009707EN Version: 00 | Page 1 of 3 |
|---|---------------------------------------|-------------|

| | | |
|---------------------------|---|---|
| 75009707 | DATA SHEET |  |
| Valid from: 31.10.2018 | EPIC[®] SIGNAL M23 KIT A1 17 PIN SOLDER TERMINATION | |

Approvals

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

C024
E249137



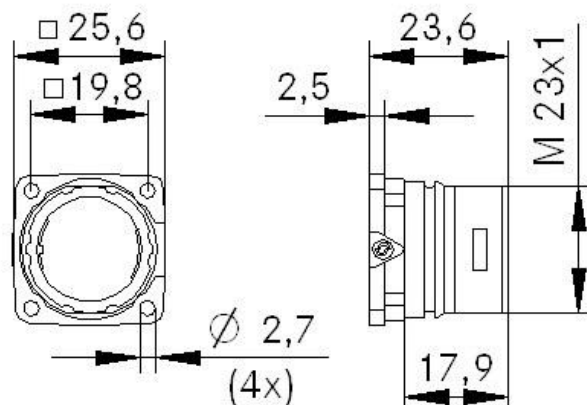
Standards

Safety Standard

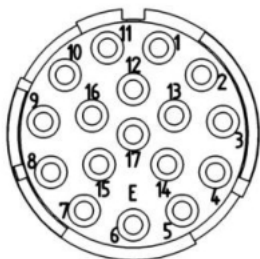
IEC 61984; UL 1977

Technical Drawings

Housing



Insert

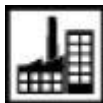


| | | |
|---|---------------------------------------|-------------|
| Creator: STKU3/PDP Released: IVSE1/PDP | Document: DB75009707EN Version: 00 | Page 2 of 3 |
|---|---------------------------------------|-------------|

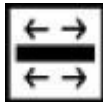
| | | |
|---------------------------|---|---|
| 75009707 | DATA SHEET |  |
| Valid from: 31.10.2018 | EPIC[®] SIGNAL M23 KIT A1 17 PIN SOLDER TERMINATION | |



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.

AbN
automation

| | | |
|---|---------------------------------------|-------------|
| Creator: STKU3/PDP Released: IVSE1/PDP | Document: DB75009707EN Version: 00 | Page 3 of 3 |
|---|---------------------------------------|-------------|