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 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

Housing, surface

Sealing

Insert

Contact, base material

Contact, surface

Zinc die-cast

Nickel

FPM/FKM

PA

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

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Approvals

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

C024 E249137





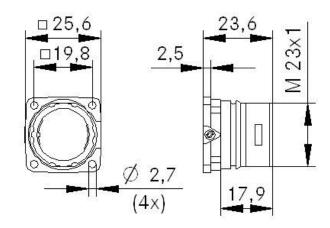
Standards

Safety Standard

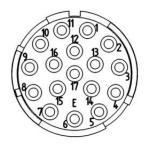
IEC 61984; UL 1977

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.