

## 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	75009703
Housing	SIGNAL M23 A1 (72004000)
Insert	12 Pin (E-Part) with solder termination (73002720)

## General characteristics

Series	SIGNAL M23
Type	A1, Panel mounted
Version	Male
Connection type	Solder termination
Coding	Black (N)
Pin-arrangement	12 (E-Part)
Contact diameter	1 mm
Termination cross section	Up to 1 mm <sup>2</sup>
Mounting type	Panel mount; through hole for: 4x M 2,5
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

AbN  
automation

75009703

# DATA SHEET

Valid from:  
31.10.2018EPIC® SIGNAL M23 KIT A1 12 PINS SOLDER  
TERMINATION

## Approvals

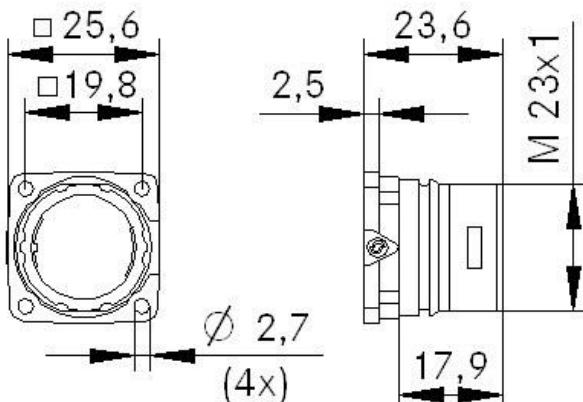
VDE-Approval, VDE-REG.-Nr.  
UL File NumberC024  
E249137

## Standards

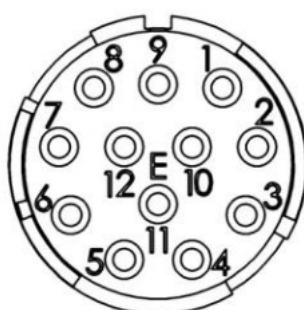
Safety Standard IEC 61984; UL 1977

## Technical Drawings

Housing



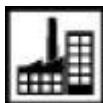
Insert



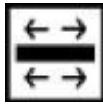
75009703

**DATA SHEET**Valid from:  
31.10.2018**EPIC® SIGNAL M23 KIT A1 12 PINS SOLDER  
TERMINATION****LAPP**

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: DB75009703EN  
 Version: 00

Page 3 of 3

We reserve all rights according to DIN ISO 16016.

PD 0019/05\_04.18EN