



## 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	25009700
Housing	SIGNAL M23 A3 (24420055)
Insert	8+1 Pin (E-Part) with solder termination (73002744)

## General characteristics

Series	SIGNAL M23
Type	A3, angled panel mounted
Version	Male
Connection type	Solder termination
Coding	Black (N)
Pin-arrangement	8+1 (E-Part)
Contact diameter, 8 Contacts	1 mm
Contact diameter, 1 Contact	2 mm
Termination cross section, 8 Contacts	Up to 1 mm <sup>2</sup>
Termination cross section, 1 Contact	Up to 2,5 mm <sup>2</sup>
Mounting type	Panel mount; through hole for: 4x M 2,5
Degree of protection	IP 65 (latched)
Cycles of mechanical operation	100
Temperature range	-25 °C to +125 °C

## Materials and surfaces

Housing, base material	Zinc die-cast
Housing, surface	Blue chromated (CrVI free)
Sealing	FPM/FKM
Insert	PA
Contact, base material	Brass
Contact, surface	Gold

## Electrical characteristics

Rated voltage	IEC: 150 V
Rated impulse voltage	2,5 kV
Rated current	20 A (2 mm Contact) 7 A (1 mm Contacts)
Contact resistance	< 4 mOhm
Verschmutzungsgrad	3

AbN  
automation

25009700

**DATA SHEET**Valid from:  
28.03.2019**EPIC® SIGNAL M23 KIT A3 8+1 PINS SOLDER  
TERMINATION****LAPP****Approvals**

UL File Number

E249137

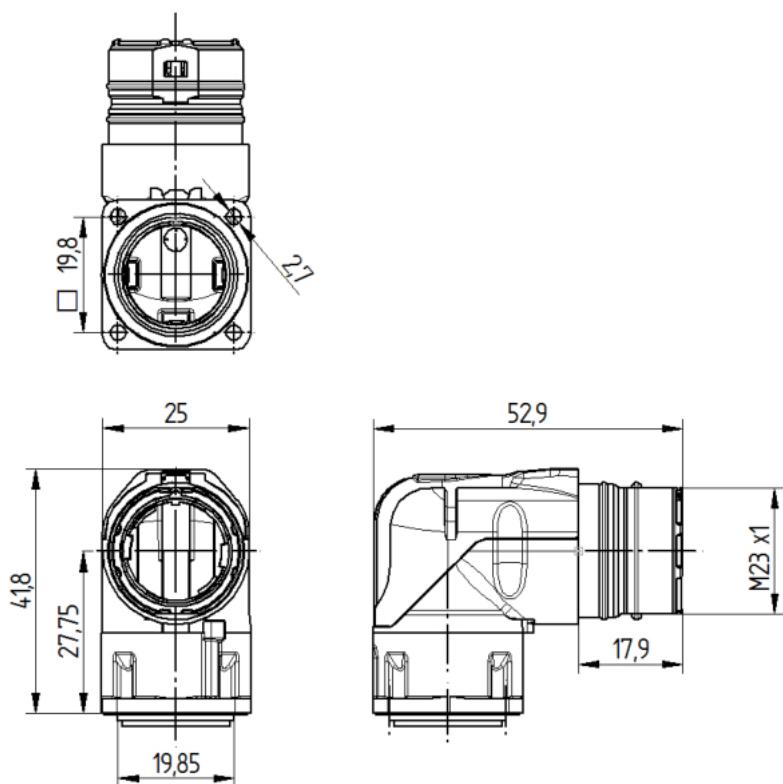
**Standards**

Safety Standard

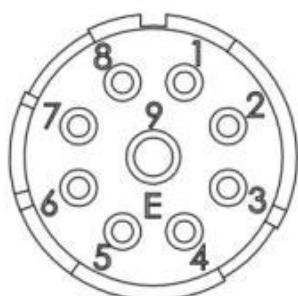
IEC 61984; UL 1977; UL 2238; CSA 22.2 182.3

**Technical Drawings**

Housing



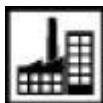
Insert



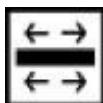
25009700

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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