

SAIB-M23-12P-ST-5,0M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

The M23 cables offer: high mating frequency, high current carrying capacity and high-density contacts coupled with minimal dimensions.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

| | |
|------------|---|
| Version | Sensor/actuator line, One end without connector, M23, Inner thread, Number of poles: 12, 5 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 1886440500 |
| Type | SAIB-M23-12P-ST-5,0M |
| GTIN (EAN) | 4032248498390 |
| Qty. | 1 items |

SAIB-M23-12P-ST-5,0M

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E486077

Dimensions and weights

Net weight 426.8 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Technical specifications for cable

| | | | |
|--|---|-------------------------------|---|
| Cable length | 5 m | Sheathing colour | black |
| Suitable for cable carriers | Yes | Shielded | No |
| Halogen | No | Insulation | TPM |
| Bending radius, min., moving | 10 x cable diameter | Bending cycles | 2 Mio |
| Wire cross section (Print/Online) | 3 x 0.75 mm ² + 8 x 0.34 mm ² | Sheath material | PUR |
| Outer cladding in accordance with UL AWM style | 21198 (80 °C / 300 V) | Irradiation crosslinked | No |
| Welding spark resistance | No | Colour coding | white, green, yellow, grey, pink, red, black, violet, blue, brown, Green/yellow |
| Torsion resistance | 0 °/m | Temperature range, stationary | -50...80 °C |
| Resistant to welding beads | No | Temperature range, moving | -25...80 °C |
| Number of poles | 12 | Outside diameter | 7.7 mm ± 0.3 mm |

General technical data

Connection thread M23, Inner thread

Contact surface Gold-plated

LED No

Version Female socket, straight

Housing main material PUR

Insulation resistance 1012 Ω

Nominal voltage 120 V

Nominal current 8 A

Protection degree IP67

Plugging cycles ≥ 50

Pollution severity 2

jumpered No

Connection side version

Connection side 1

Connection thread M23

Type of contact Socket

Type of thread Inner thread

Outlet direction straight

SAIB-M23-12P-ST-5,0M

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

| | |
|------------------------------|-------------------------------------|
| Connection side version 1 | M23, Socket, Inner thread, straight |
| Threaded ring material | Diecast zinc |
| Temperature range of housing | -25...+80 °C |
| Tightening torque | M23: 2.5 Nm |

Electrical properties

| | | | |
|-----------------------|--------|-----------------|-------|
| Insulation resistance | 1012 Ω | Nominal voltage | 120 V |
|-----------------------|--------|-----------------|-------|

General standards

| | |
|-------------------------|---------|
| Certificate No. (cURus) | E486077 |
|-------------------------|---------|

Plug, left

| | |
|-----------|---|
| Plug left | IP67, female contact, straight, Plastic, unshielded |
|-----------|---|

Plug, right

| | |
|------------|--------------------|
| Plug right | free conductor end |
|------------|--------------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001855 | ETIM 9.0 | EC001855 |
| ETIM 10.0 | EC001855 | ECLASS 14.0 | 27-06-03-11 |
| ECLASS 15.0 | 27-06-03-11 | | |

SAIB-M23-12P-ST-5,0M

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Drawings

Dimensioned drawing



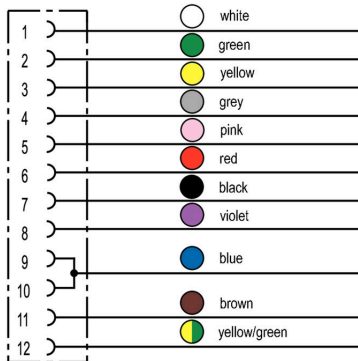
Straight socket

Pole scheme



Socket

Wiring diagram



The ideal tool: Screwty® with torque function

Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F

