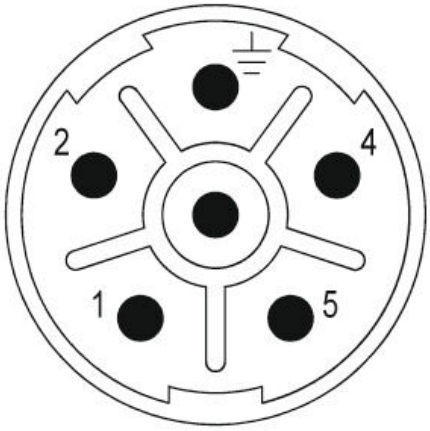
Data sheet

SAI-M23-SE-L-6

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

www.weidmueller.com

Pinning



The M23 round plug-in connectors offer a high number of mating cycles, high current-carrying capacity and high contact-density coupled with minimum dimensions. Enclosures, inserts and crimp contacts need to be ordered separately.

General ordering data

Version	Sensor/Actuator plug-in connector, Insert
Order No.	1170350000
Type	SAI-M23-SE-L-6
GTIN (EAN)	4032248962303
Qty.	1 items

Data sheet

SAI-M23-SE-L-6

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. (UR)	E344862

Dimensions and weights

Net weight	8 g

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Technical data customisable plug-in connectors

Number of poles	6	Coding	none
Type of connection	Crimp connection	Housing main material	Thermoplastic polyamide PA 6, PBT
Nominal voltage	600 V	Nominal current	20 A
Plugging cycles	> 1000	Pollution severity	3
Rated current	2 mm contact= 28 A	Gender of contact	Male

Classifications

ETIM 8.0	EC003557	ETIM 9.0	EC003557
ETIM 10.0	EC003557	ECLASS 14.0	27-44-02-23
ECLASS 15.0	27-44-02-23		

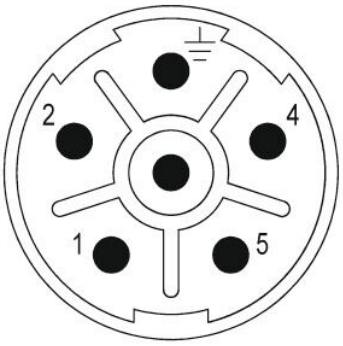
SAI-M23-SE-L-6

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

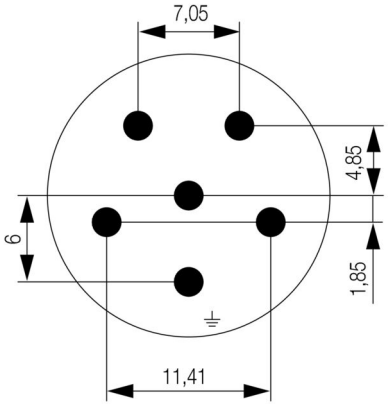
www.weidmueller.com

Drawings

Pinning



Dimensioned drawing



Technical data

No. of poles		5 + PE	4/4	
Number of contacts		6	4	4
Contact-ø	mm	2	1	2

6 times male, 2 mm

SAI-M23-SE-L-6

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

www.weidmueller.com

Accessories

2 mm

The M23 round plug-in connectors offer a high number of mating cycles, high current-carrying capacity and high contact-density coupled with minimum dimensions. Enclosures, inserts and crimp contacts need to be ordered separately.

General ordering data

Type	SAI-M23-KSC-L-0.75-2.5	Version
Order No.	1170400000	Sensor/Actuator plug-in connector, Crimp contact
GTIN (EAN)	4032248962365	
Qty.	50 ST	
Type	SAI-M23-KSC-L-2.5-4.0	Version
Order No.	1170410000	Sensor/Actuator plug-in connector, Crimp contact
GTIN (EAN)	4032248962525	
Qty.	50 ST	

...for M23

Weidmüller offers a wide range of tools and accessories for sensor-actuator cabling.

General ordering data

Type	SAI M23 CRIMPING TOOL 1	Version
Order No.	1203840000	Pressing tool for signal and power contacts, 4-indent crimp
GTIN (EAN)	4032248986934	
Qty.	1 ST	

Standard enclosure

The M23 round plug-in connectors offer a high number of mating cycles, high current-carrying capacity and high contact-density coupled with minimum dimensions. Enclosures, inserts and crimp contacts need to be ordered separately.

SAI-M23-SE-L-6

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

www.weidmueller.com

Accessories

General ordering data

Type	SAI-M23-GS-L-7/17	Version
Order No.	1995800000	Sensor/Actuator plug-in connector, Empty enclosure
GTIN (EAN)	4032248925667	
Qty.	1 ST	
Type	SAI-M23-GSW-L-7/12	Version
Order No.	1170280000	Sensor/Actuator plug-in connector, Empty enclosure
GTIN (EAN)	4032248962327	
Qty.	1 ST	
Type	SAI-M23-KS-L-7/17	Version
Order No.	1170270000	Sensor/Actuator plug-in connector, Empty enclosure
GTIN (EAN)	4032248962259	
Qty.	1 ST	
Type	SAI-M23-KSW-L-7/12	Version
Order No.	1170290000	Sensor/Actuator plug-in connector, Empty enclosure
GTIN (EAN)	4032248962242	
Qty.	1 ST	
Type	SAIE-M23-L-EM	Version
Order No.	1170320000	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248962419	
Qty.	1 ST	
Type	SAIE-M23-L-HW	Version
Order No.	1170340000	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248962297	
Qty.	1 ST	
Type	SAIE-M23-L-RM	Version
Order No.	1170310000	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248962358	
Qty.	1 ST	
Type	SAIE-M23-L-VW	Version
Order No.	1170300000	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248962341	
Qty.	1 ST	
Type	SAIE-M23-L-W 25X25	Version
Order No.	1170330000	Sensor/Actuator plug-in connector, Built-in plugs, Empty enclosure
GTIN (EAN)	4032248962273	
Qty.	1 ST	