Data sheet

SAIBGP-M-4T-6/11-M12

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

www.weidmueller.com



Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

General ordering data

Version	Field attachable connector, M12
Order No.	2906770000
Type	SAIBGP-M-4T-6/11-M12
GTIN (EAN)	4099986919204
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Diameter	23 mm	Net weight	38 g

Technical data customisable plug-in connectors

Number of poles	4	Coding	T-coded
Contact surface	Au (Gold)	LED	No
Type of connection	PUSH IN	Housing main material	Brass, nickel-plated
Cable diameter, max.	11 mm	Cable diameter, min.	6 mm
Conductor cross-section, max.	2.5 mm²	Conductor cross-section, min.	1.5 mm²
Nominal voltage	63 V	Nominal current	12 A
Protection degree	IP65	Plugging cycles	≥ 100
Pollution severity	3	Gender of contact	Female
Shield connection	Yes	Threaded ring material	Brass, nickel-plated

General Info

Number of poles	4	Connection 1	M12
Connection 2	PUSH IN	UL 94 flammability rating	V-0
Housing main material	Brass, nickel-plated	Connection thread	M12
Contact surface	Au (Gold)	Wire connection cross section, finely stranded, min.	1.5 mm²
Wire connection cross-section, finely stranded, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.75 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²	Wire cross-section, solid, min.	1.5 mm²
Wire cross-section, solid, max.	1.5 mm²	Wire cross-section, finely stranded, min. (AWG)	AWG 16
Wire cross-section, finely stranded, max. (AWG)	AWG 14	Shielding	Yes
Protection degree	IP65	Plugging cycles	≥ 100

Standards

Shock and vibration proof according to	EN 50155:2001, DIN EN 61373

Classifications

ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

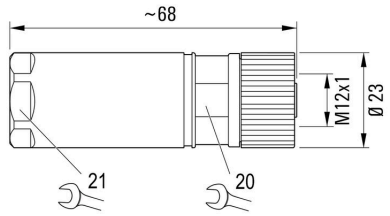
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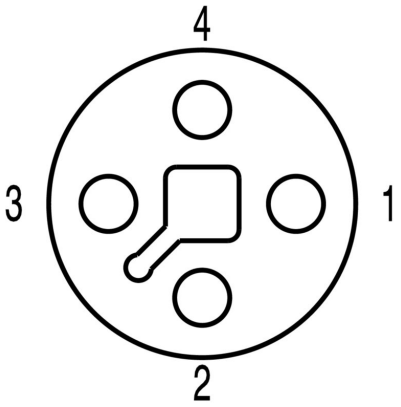
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Drawings

Dimensioned drawing



Pole scheme





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Drawings

Detailed drawing

