

SAIE-M12BK-5-0.2VFM16-2.5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

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	Built-in plugs, M12, Female socket, straight, Mounting thread: M 16 x 1.5, Number of poles: 5, Strand / cable length: 0.2 m, Front mounting
Order No.	2968050000
Type	SAIE-M12BK-5-0.2VFM16-2.5
GTIN (EAN)	4099986779457
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	40 g
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Technical data customisable plug-in connectors

Coding	K-coded	Contact surface	Gold-plated
Housing main material	Zinc diecast	Insulation strength	$\geq 100 \text{ M}\Omega$
Number of poles	5	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP65, IP67, IP68, when screwed in
Rated current	12 A	Rated voltage	630 V
Temperature range of housing	-40 ... +85 °C		

Standards

Connector standard	IEC 61076-2-111
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General data

AF size	17 mm	Coding	K-coded
Connection 1	M12	Connection 2	Flying wires
Connection thread	M12	Contact surface	Gold-plated
Core cross-section	2.5 mm ²	Housing main material	Zinc diecast
Insulation strength	$\geq 100 \text{ M}\Omega$	Mounting thread	M 16 x 1.5
Number of poles	5	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP65, IP67, IP68, when screwed in
Rated current	12 A	Rated voltage	630 V
Strand / cable length	0.2 m	Temperature range of housing	-40 ... +85 °C
Type of mounting	Front mounting		

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC003570
ETIM 8.0	EC003570	ETIM 9.0	EC003570
ETIM 10.0	EC003570	ECLASS 9.0	27-44-01-03
ECLASS 9.1	27-44-01-03	ECLASS 10.0	27-44-01-03
ECLASS 11.0	27-44-01-03	ECLASS 12.0	27-44-01-03
ECLASS 13.0	27-44-01-03	ECLASS 14.0	27-44-01-03
ECLASS 15.0	27-44-01-03		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1

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Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E310075

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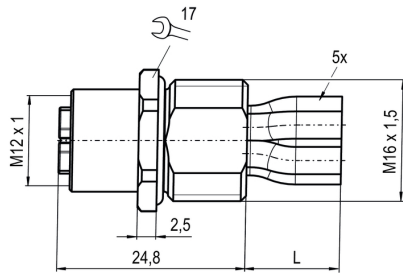
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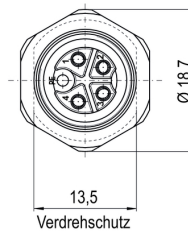
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Drawings

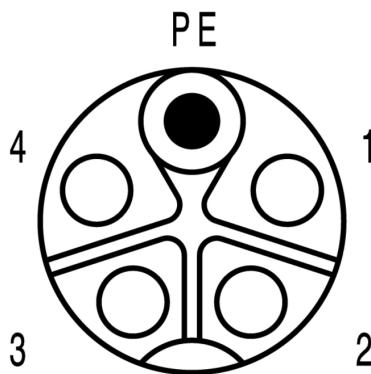
Dimensioned drawing



Dimensioned drawing



Pole scheme



Wiring diagram



Detailed drawing

