

SAIE-7/8S-3-0.2U-M20**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

Various build-in connectors are required for the connections on the device side of the sensor/actuator cabling. These are available in the versions M12, M8 and M5.

General ordering data

Version	Built-in plugs, 7/8", Mounting thread: M 20, Number of poles: 3, Strand / cable length: 0.2 m
Order No.	1418040000
Type	SAIE-7/8S-3-0.2U-M20
GTIN (EAN)	4050118221541
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	30 g
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Technical data customisable plug-in connectors

Cable glands	M 20	Coding	none
Contact material	CuZn	Contact surface	Gold-plated
Housing main material	Zinc diecast, nickel-plated	Number of poles	3
Plugging cycles	≥ 100	Protection degree	IP67, when screwed in
Rated current	10 A	Rated current	8 A (4- and 5-pole), 10 A (3-pole)
Rated voltage	300 V	Temperature range of housing	-25...+85 °C
Type of connection	Pin		

General data

Cable glands	M 20
Cable length	0.2 m
Coding	none
Conductor O.D.	-
Connection thread	7/8"
Contact material	CuZn
Contact surface	Gold-plated
Core cross-section	0.75 mm ²
Housing main material	Zinc diecast, nickel-plated
Mounting thread	M 20
Mounting torque	min. 11.8 Nm max. 12 Nm
Mounting torque range	11.8 ... 12 Nm
Number of poles	3
Plugging cycles	≥ 100
Protection degree	IP67, when screwed in
Rated current	10 A
Rated current	8 A (4- and 5-pole), 10 A (3-pole)
Rated impulse voltage	4,000 V
Rated voltage	300 V
Rated voltage	300 V
Rated voltage (UL)	600 V
Strand / cable length	0.2 m
Temperature range of housing	-25...+85 °C
Tightening torque	1.5 Nm
Type of connection	Pin

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC003570
ETIM 8.0	EC003570	ETIM 9.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

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Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E307231

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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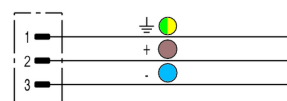
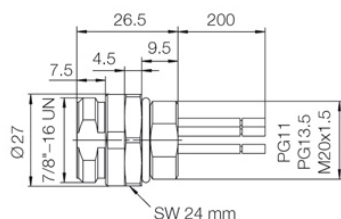
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Drawings

Wiring diagram



Pole scheme

