Data sheet

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", pin, straight, 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 items

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Technical data

Approvals

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

Dimensions and weights

Net weight	30 g

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

Technical specifications for cable

Core cross-section	0.75 mm²	Strand / cable length	0.2 m
Colour coding	Green/yellow, brown, blue	Number of poles	3

Technical data customisable plug-in connectors

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

General data

Number of poles	3
Coding	none
Connection thread	7/8"
Contact surface	Gold-plated
Tightening torque	1.5 Nm
Core cross-section	0.75 mm²
Type of connection	Pin
Housing main material	Zinc diecast, nickel-plated
Contact material	CuZn
Nominal voltage	300 V
Nominal current	10 A
Protection degree	IP67, when screwed in
Plugging cycles	≥ 100
Cable gland	M 20
Rated voltage	300 V
Rated current	8 A (4- and 5-pole), 10 A (3-pole)
Connection 1	7/8"
Connection 2	Flying wires
Strand / cable length	0.2 m
Rated impulse voltage	4000 V

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Technical data

Mounting thread	M 20	
Mounting torque range	11.8 ... 12 Nm	
Rated voltage (UL)	600 V	
Mounting torque	min.	11.8 Nm
	max.	12 Nm
Temperature range of housing	-25...+85 °C	
Conductor O.D.	-	

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		

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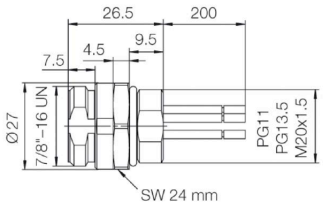
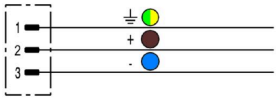
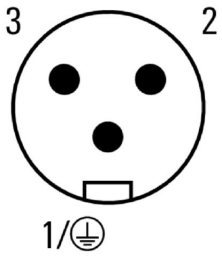
Drawings



Wiring diagram



Pole scheme