

E1WS/20S/M20-WM**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

E1W type cable glands are suitable for SWA steel wired armor cable, E1W type glands maintain flameproof Ex d and Increased Safety Ex e explosion protection. And the armor clamping provides an electrical bond between the cable armor and the glands.

General ordering data

Version	E1W (Klippon double seal SWA armored Ex e/d cable gland), Cable glands, straight, M 20 x 1.5, 16 mm, Single-wire armouring, 0.9 - 1.25 mm, OD min. 12.5 - OD max. 16 mm, ID min. 8.00 - ID max. 11.70 mm, Stainless steel 1.4404
Order No.	1188850000
Type	E1WS/20S/M20-WM
GTIN (EAN)	4050118085099
Qty.	24 pc(s).

Creation date August 29, 2024 5:03:15 AM CEST

Catalogue status 17.08.2024 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Height	62.5 mm	Height (inches)	2.461 inch
Width	28.5 mm	Width (inches)	1.122 inch
Length	78.5 mm	Length (inches)	3.091 inch
Net weight	138 g		

Temperatures

Operating temperature	-50 °C...120 °C
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Certificate numbers cable gland

Certificate No. (IECEX)	IECEXTPS16.0004X	Certificate no. cable gland (ATEX)	TÜV IT 16ATEX 059X
Certificate no. cable gland (CCC)	2020322313000069	Certificate no. cable gland (IECEX)	IECEX TPS 16.0004X
Identification	II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da		

General information

AF size 1	26 mm	AF size 2	26 mm
Armour, max.	1.25 mm	Armour, min.	0.9 mm
Cable glands	M 20	Explosion protection type	Ex d - flameproof, Ex e - increased safety
External thread	M 20 x 1.5	Halogen	No
Inner cable diameter, max.	11.7 mm	Inner cable diameter, min.	8 mm
Installation guidelines	See assembly instructions	Length of thread	16 mm
Material	Stainless steel 1.4404	Number of wires	1
O-Ring	Silicone	Operating temperature range, max.	120 °C
Operating temperature range, min.	-50 °C	Outer cable diameter, max.	16 mm
Outer cable diameter, min.	12.5 mm	Pitch of thread	1.5 mm
Protection degree	IP66, IP68	Seal insert	Silicone
Sealing	Silicone	Silicone	Yes
Standards	EN 60079-0, EN 60079-1, EN 60079-31, EN 60079-7, IEC 60079-0, IEC 60079-1, IEC 60079-31, IEC 60079-7, GB 12476.1, GB 12476.5, GB 3836.1, GB 3836.2, GB 3836.3	Tightening torque	20 Nm
Type of armouring	Single-wire armouring	Type of armouring, short term	SWA

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	EC000441	ETIM 9.0	EC000441
ECLASS 9.0	27-14-44-32	ECLASS 9.1	27-14-44-34
ECLASS 10.0	27-14-44-32	ECLASS 11.0	27-14-44-32
ECLASS 12.0	27-14-08-04	ECLASS 13.0	27-14-08-04
ECLASS 14.0	27-14-08-04		

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

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Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	ATEX certification IEC Ex certification CCC approval of Cable glands CE Declaration of conformity CE Declaration of conformity
Engineering Data	CAD data – STEP
User Documentation	Notice of installation
Catalogues	Catalogues in PDF-format

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www.weidmueller.com**Accessories****Stainless Steel lock nuts, natural finish**

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	SKMUS M20-W	Version
Order No.	1185690000	SKMU SS (stainless steel locknut), Locknut, M 20, 2.2 mm, Stainless
GTIN (EAN)	4050118233742	steel 1.4404
Qty.	240 pc(s).	

Nylon flat washer - GWDR

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	GWDR M20-W	Version
Order No.	1185610000	in closed state, M 20, Nylon 6
GTIN (EAN)	4050118078305	
Qty.	100 pc(s).	