

## E1WS/20S/M20-WM

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://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.	<a href="#">1188850000</a>
Type	E1WS/20S/M20-WM
GTIN (EAN)	4050118085099
Qty.	24 items

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Height	62.5 mm	Height (inches)	2.4606 inch
Width	28.5 mm	Width (inches)	1.122 inch
Length	78.5 mm	Length (inches)	3.0905 inch
Net weight	121.44 g		

Temperatures

Operating temperature -50 °C... 120 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption  
REACH SVHC No SVHC above 0.1 wt%

Certificate numbers cable gland

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

General information

Outer cable diameter, max.	16 mm	Outer cable diameter, min.	12.5 mm
Inner cable diameter, max.	11.70 mm	Inner cable diameter, min.	8.00 mm
O-Ring	Silicone	Tightening torque	20 Nm
Silicone	Yes	Number of wires	1
Armour, max.	1.25 mm	Armour, min.	0.9 mm
Operating temperature range, max.	120 °C	Operating temperature range, min.	-50 °C
Pitch of thread	1.5 mm	Halogen	No
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	AF size 1	26 mm
AF size 2	26 mm	Protection degree	IP66, IP68
Cable gland	M 20	Basic material	Stainless steel 1.4404
Seal insert	Silicone	Sealing	Silicone
External thread	M 20 x 1.5	Length of thread	16 mm
Type of armouring, short term	SWA	Explosion protection type	Ex d - flameproof, Ex e - increased safety
Type of armouring	Single-wire armouring	Installation guidelines	See assembly instructions

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**Classifications**

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-04
ECLASS 15.0	27-14-08-04		

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## 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.	<a href="#">1185690000</a>	SKMU SS (stainless steel locknut), Locknut, M 20, 2.2 mm, Stainless	
GTIN (EAN)	4050118233742	steel 1.4404	
Qty.	240 ST		

### 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.	<a href="#">1185610000</a>	in closed state, M 20, Nylon 6	
GTIN (EAN)	4050118078305		
Qty.	100 ST		