Data sheet

E1W/20S/NPT1/2-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, 1/2" NPT, 13.6 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, Brass, nickel-plated
Order No.	1184780000
Type	E1W/20S/NPT1/2-WM
GTIN (EAN)	4050118074819
Qty.	24 items

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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	150 g		

Temperatures

Operating temperature	-50 °C...120 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	0d756fc1-6076-45f4-ae6d-db4288d0aefd

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	1.81 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	NPT 1/2"	Basic material	Brass, nickel-plated
Seal insert	Silicone	Sealing	Silicone
External thread	1/2" NPT	Length of thread	13.6 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		