

KSPMH M16 SSC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Similar to illustration



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

Version	KSPMH (Klippon blanking plug, type MH), Blanking plug, straight, M 16, 16 mm, Stainless steel 1.4404 (316L)
Order No.	1477820000
Type	KSPMH M16 SSC
GTIN (EAN)	4050118285802
Qty.	20 items

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Technical data

Approvals

ROHS Conform

Dimensions and weights

Height	21.5 mm	Height (inches)	0.8465 inch
Length	20.5 mm	Length (inches)	0.8071 inch
Diameter	16 mm	Wall thickness, min.	0.5 mm
Wall thickness, max.	15 mm	Net weight	38.75 g

Temperatures

Operating temperature -60 °C...200 °C

Environmental Product Compliance

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

Technical properties

Protection degree IP66, IP68 (100 m / 168 h)

Certificate numbers cable gland

Identification	Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db	Certificate no. cable gland (ATEX)	SIRA 09ATEX1320X or CML 19ATEX1089X
Certificate no. cable gland (IECEX)	IECEX SIR 09.0131X or IECEX CML 19.0022X	Approval conditions	ATEX, IECEX

General information

O-Ring	Silicone	Tightening torque	5 Nm
Silicone	Yes	O.D.	21.5 mm
Operating temperature range, max.	200 °C	Operating temperature range, min.	-60 °C
Halogen	halogen-free	Standards	EN 60079-31, EN 60079-0, EN 60079-1, EN 60079-7
Impact resistance	7 J ATEX version	Protection degree	IP66, IP68 (100 m / 168 h)
Basic material	Stainless steel 1.4404 (316L)	Diameter of sealing ring	16.00 mm
External thread	M 16	Length of thread	16 mm
Water depth	100 m	Note: protection class	<ul style="list-style-type: none"> All metric sealing plugs have a thread pitch of 1.5 mm. In Ex nR applications, the KSPMH must be fitted with a further seal. To obtain the specified IP rating, the through hole must comply with the regulations of EN 50262 Table 1 and it should be possible to secure the sealing plug in a suitable manner. Operating instructions are enclosed with each sealing

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plug; these must be read prior to installation. The sealing plugs must be installed according to the specifications in the operating instructions.

- On installation of the KSPMH, the minimum number of engaged thread turns in line with the standard EN/IEC 60079-1, Section 5.3, must be observed.
- With NEC / CEC applications, it must be ensured that the inner thread of the connection device into which the sealing plugs are screwed reveals at least 8 fully engaged thread turns.
- If KSPMH sealing plugs are inserted into non-metallic Ex e connection devices, they must be connected to the system's earth circuit.

Protection class (UL) Type 4X

Technical data

Colour	silver, Natural	Protection degree	IP66, IP68 (100 m / 168 h)
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Technical data

Protection degree	IP66, IP68 (100 m / 168 h)
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Classifications

ETIM 8.0	EC000451	ETIM 9.0	EC000451
ETIM 10.0	EC000451	ECLASS 14.0	27-14-08-05
ECLASS 15.0	27-14-08-05		