



## KSPMH M40 SSC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Approvals

ROHS Conform

## Dimensions and weights

Height	21.5 mm	Height (inches)	0.8465 inch
Length	21.5 mm	Length (inches)	0.8465 inch
Diameter	40 mm	Wall thickness, min.	0.5 mm
Wall thickness, max.	15 mm	Net weight	219.9 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%

## 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	10 Nm
Silicone	Yes	O.D.	45.5 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	40.00 mm
External thread	M 40	Length of thread	16 mm
Water depth	100 m	Note: protection class	<ul style="list-style-type: none"> <li>All metric sealing plugs have a thread pitch of 1.5 mm.</li> <li>In Ex nR applications, the KSPMH must be fitted with a further seal.</li> <li>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.</li> <li>Operating instructions are enclosed with each sealing plug; these must be read prior to installation. The sealing plugs must be installed according to the specifications in the operating instructions.</li> </ul>

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- 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
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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		