



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA20273M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

APPLICANT: CCG Cable Terminations Ltd, North Yorkshire, England
MANUFACTURER: CCG Cable Terminations Ltd, Kempton Park, South Africa
PRODUCT: Stopper plugs
TYPE NO.: Plugs – hex head, dome head & stopper
TYPE TEST NO.: 20T607
PARTICULARS: See the attached sheet
STANDARD: IEC60079-0(2017), IEC60079-1(2014), IEC60079-7(2015),
IEC60079-15(2017), IEC60079-31(2013)
DOCUMENTATION: IECEx CML 16.0062X, PDM016E to PDM100E, PHM016E to
PHM100E, PSM016E to PSM100E, PSM016ER to PSM100ER

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until 31 May 2025.

Issued at Tokyo on 1 June 2020.

T. Shimada
General Manager
Machinery Department

PARTICULARS:

Type: Dome plug, Hex plug, Stopper plug
 Material: Brass (Marine Grade Electroless Nickel Plated™), Stainless Steel 316/316L
 Gasket material: Standard HDPE
 Note: The installer is to ensure that the materials are suitable for the installation environment. And manufacturer's application and assembly instructions are to be followed.

Protection levels: IEC Ex: Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db / Ex nR IIC

Conditions for safe: • An IP rating of IP66/68 is maintained for units with parallel threads when used with the supplied washer and units with tapered thread when thread sealant is conducted as indicated in IEC60079-14. Alternatively an IP65 rating is applicable.
 • A service temperature range of -60°C to 95°C is applicable if the washers are utilized to maintain an IP rating IP65/66/68 2m cont.

Metric – Dome plug

Product code	Metric dimension "A"	Dimension Min "B"	Dimension Min "C"	Dimension "D"	Dimension A/F Min
PDM016E	M16	3.0	22.0	16.0	10.0
PDM020E	M20	3.0	25.0	16.0	10.0
PDM025E	M25	3.0	35.0	16.0	10.0
PDM032E	M32	3.0	42.0	16.0	10.0
PDM040E	M40	3.0	50.0	16.0	10.0
PDM050E	M50	3.0	60.0	16.0	10.0
PDM063E	M63	3.0	70.0	16.0	14.0
PDM075E	M75	3.0	85.0	16.0	14.0
PDM080E	M80x2P	3.0	90.0	20.0	14.0
PDM090E	M90x2P	3.0	100.0	20.0	14.0
PDM100E	M100 x2P	3.0	110.0	20.0	14.0

All dimensions are in mm.

Metric – Hex plug

Product code	Metric dimension "A"	Dimension Min "B"	Dimension Min "C"	Dimension A/F Min
PHM016E	M16	6.0	16.0	22.0
PHM020E	M20	6.0	16.0	25.0
PHM025E	M25	6.0	16.0	32.0
PHM032E	M32	6.0	16.0	38.0
PHM040E	M40	6.0	16.0	50.0
PHM050E	M50	6.0	16.0	60.0
PHM063E	M63	6.0	16.0	70.0
PHM075E	M75	6.0	16.0	80.0
PHM080E	M80x2P	6.0	20.0	90.0
PHM090E	M90x2P	6.0	20.0	100.0
PHM100E	M100 x2P	6.0	20.0	110.0

All dimensions are in mm.

Metric – Stopper plug

Product code outside enclosure	Product code inside enclosure	Metric dimension “A”	Dimension +2.0 - 0.0 “B”	Dimension A/F Min
PSM016E	PSM016ER	M16	17.0	10.0
PSM020E	PSM020ER	M20	17.0	10.0
PSM025E	PSM025ER	M25	17.0	10.0
PSM032E	PSM032ER	M32	17.0	10.0
PSM040E	PSM040ER	M40	17.0	10.0
PSM050E	PSM050ER	M50	17.0	10.0
PSM063E	PSM063ER	M63	17.0	14.0
PSM075E	PSM075ER	M75	17.0	14.0
PSM080E	PSM080ER	M80x2P	21.0	14.0
PSM090E	PSM090ER	M90x2P	21.0	14.0
PSM100E	PSM100ER	M100 x2P	21.0	14.0

All dimensions are in mm.

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