



P.H.P.U.
IZOL PLAST

Sp. z o.o.

44-362 Rogów
ul. Raciborska 79
tel./fax 32-4512444,
32-4512010
www.izol-plast.rogow.pl

INDEX CARD

Cable glands type WMg

Application:

Cable glands of the WMg type are intended for the introduction of cables and wires with a circular cross-section into the interior of the flameproof electrical equipment of group I and subgroups IIA, IIB and IIC. Depending on the version (WMg-1, WMg-2, WMG-1a, WMG-2a), the inlets enable the entry of cables and wires with an external diameter from Ø15mm to Ø23mm.

Cable glands WMg are made of steel. The sealing of the cable or cable in the inlet is achieved by means of a suitable rubber gasket.

The main elements of the WMg inlets are:

- body with an internal seat for a sealing ring,
- gland with external thread,
- mounting bracket,
- metal washer,
- elastomer sealing ring.

If no wire or cable is introduced into the inlet, a suitable metal plug is provided for installation.





P.H.P.U.
IZOL PLAST
 Sp. z o.o.
 44-362 Rogów
 ul. Raciborska 79
 tel./fax 32-4512444,
 32-4512010
 www.izol-plast.rogow.pl

INDEX CARD

Cable glands type WMg

Inlet type	Cable outer diameter [mm]	Execution	Inlet dimensions (diameter) [mm]	Inlet dimensions (thread)	Gasket dimensions [mm]
WMg-1	Ø15 - Ø17	1	Ø20 ^{+0,5}	G 1 1/8"	Ø18 ^{+0,5}
	Ø17 - Ø19	2			Ø20 ^{+0,5}
WMg-2	Ø19 - Ø21	1	Ø24 ^{+0,5}	G 1 1/2"	Ø21 ^{+0,5}
	Ø21 - Ø23	2			Ø23 ^{+0,5}
WMg-1a	Ø15 - Ø17	1	Ø20 ^{+0,5}	M38x1,5	Ø18 ^{+0,5}
	Ø17 - Ø19	2			Ø20 ^{+0,5}
WMg-2a	Ø19 - Ø21	1	Ø24 ^{+0,5}	M48x1,5	Ø21 ^{+0,5}
	Ø21 - Ø23	2			Ø23 ^{+0,5}

Technical parameters of WMg inlets:

- operating temperature range of cable inlets:	- 20°C +80°C
- level of security:	IP 65
- relative humidity:	to 95 %
- working position:	any
- environment:	moderately chemically aggressive

Certificate:

Cable glands type WMg have the EU type examination certificate: **KDB 05ATEX395U / 3** of **June 20, 2012**, performed by the Central Mining Institute, the Certification Body of the Experimental Mine "Barbara" as a supplement to the EU-type examination certificate: **KDB 05ATEX395U** of **October 25, 2005**, and meets the requirements of the following standards:

- PN-EN 60079-0:2013,
- PN-EN 60079-1:2014,
- PN-EN 60079-31:2014.

WMg cable glands are marked in accordance with the EU-type examination certificate as follows:



1461

KDB 05ATEX395U
I M2 Ex d I Mb
II 2G Ex d IIIC Db IP65