



ISO 9001
OBAC/002/SZJ/20

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

Reduction of cable entries type R-WMg - ** / WK-M **

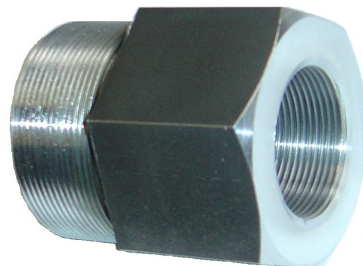
Construction and application :

R-WMg - .. / WK-M .. cable inlet reducers are intended for inserting cables and wires with a circular cross-section into the inside of flameproof electrical equipment, thickness. I and subgroup II C and dustproof III C. Depending on the execution of the inlet threaded hole, reductions of the **R-WMg - .. / WK-M ..** type enable the insertion of cables or wires with a diameter from $\varnothing 6$ mm to $\varnothing 22$ mm. The **R - WMg - .. / WK-M ..** types of cable entries are designed in accordance with the applicable safety requirements specified in the relevant industrial standards.

Cable inlet reductions type R-WMg - .. / WK-M .. are made by turning from a steel bar, St3S grade with a hexagonal cross-section. On the one hand, the reducers have an incised external thread compatible with the design of the WMg inlet socket, and on the other hand, an incised internal thread compatible with the design of the WK-M type inlet. The ATEX marking is engraved on the outside of the body.

Installation of reduction:

The reducer should be mounted in the previously made socket, by screwing it into the threaded hole prepared for the WMg -... inlet. After placing the reducer in the housing of the flameproof device, insert a rubber gasket and a washer in the threaded hole of the reducer, which together with a screw-in gland of the WK-M .. type cause full choking of the cable or wire.



Technical parameters of the R-WMg - .. / WK-M .. reduction:

Technical parameters of the R-WMg - .. / WK-M .. reduction:	
Reduction operating temperature range:	-10°C ÷ +80°C
Level of security:	IP 65
Relative humidity:	to 95 %
Work location:	any
Environment:	moderately chemically aggressive
Feature of explosion-proof structure:	I M2 II 2G II 2D
ATEX marking:	Ex d I Mb Ex d IIC Gb Ex tb IIIC Db



ISO 9001
OBAC/002/SZJ/20



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

INDEX CARD

Reduction of cable entries type R-WMg - ** / WK-M **

Series of reductions of cable entries type R-WMg - ** / WK-M **

Reduction type	Inlet type WMg- ..	Key thread WMg- ..	Inlet type WK-M ..	Key thread WK-M ..	Design of the WK-M .. inlet	Maximum cable outer diameter
R-WMg-1/M20	WMg-1	G 1 1/8"	WK-M20	M20x1,5	1	Ø6 - Ø8
					2	Ø8 - Ø10
R-WMg-1/M22	WMg-1	G 1 1/8"	WK-M22	M22x1,5	1	Ø10 - Ø12
					2	Ø12 - Ø14
R-WMg-1/M28	WMg-1	G 1 1/8"	WK-M28	M28x1,5	1	Ø14 - Ø16
					2	Ø16 - Ø18
R-WMg-1/M32	WMg-1	G 1 1/8"	WK-M32	M32x1,5	1	Ø18 - Ø20
					2	Ø20 - Ø22
R-WMg-2/M20	WMg-2	G 1 1/2"	WK-M20	M20x1,5	1	Ø6 - Ø8
					2	Ø8 - Ø10
R-WMg-2/M22	WMg-2	G 1 1/2"	WK-M22	M22x1,5	1	Ø10 - Ø12
					2	Ø12 - Ø14
R-WMg-2/M28	WMg-2	G 1 1/2"	WK-M28	M28x1,5	1	Ø14 - Ø16
					2	Ø16 - Ø18
R-WMg-2/M32	WMg-2	G 1 1/2"	WK-M32	M32x1,5	1	Ø18 - Ø20
					2	Ø20 - Ø22
R-WMg-1a/M20	WMg-1a	M38x1,5	WK-M20	M20x1,5	1	Ø6 - Ø8
					2	Ø8 - Ø10
R-WMg-1a/M22	WMg-1a	M38x1,5	WK-M22	M22x1,5	1	Ø10 - Ø12
					2	Ø12 - Ø14
R-WMg-1a/M28	WMg-1a	M38x1,5	WK-M28	M28x1,5	1	Ø14 - Ø16
					2	Ø16 - Ø18
R-WMg-1a/M32	WMg-1a	M38x1,5	WK-M32	M32x1,5	1	Ø18 - Ø20
					2	Ø20 - Ø22
R-WMg-2a/M20	WMg-2a	M48x1,5	WK-M20	M20x1,5	1	Ø6 - Ø8
					2	Ø8 - Ø10
R-WMg-2a/M22	WMg-2a	M48x1,5	WK-M22	M22x1,5	1	Ø10 - Ø12
					2	Ø12 - Ø14
R-WMg-2a/M28	WMg-2a	M48x1,5	WK-M28	M28x1,5	1	Ø14 - Ø16
					2	Ø16 - Ø18
R-WMg-2a/M32	WMg-2a	M48x1,5	WK-M32	M32x1,5	1	Ø18 - Ø20
					2	Ø20 - Ø22



ISO 9001
OBAC/002/SZJ/20



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

INDEX CARD

Reduction of cable entries type R-WMg - ** / WK-M **

Certificate:

R-WMg - ** / WK-M ** cable inlet reductions have the EU type examination certificate: **OBAC14ATEX199X** of **30/04/2014**. - made by OBAC; Research, Atestation and Certification Center Sp. z o. o.

The basic requirements of safety and health protection were implemented by meeting the requirements of the following standards:

- PN-EN 60079-0:2013,
- PN-EN 60079-1:2010,
- PN-EN 60079-31:2011.

The **R-WMg - ** / WK-M **** reducers are marked with:



OBAC 14ATEX199X
I M2 Ex d I Mb
II 2G Ex d IIC Gb
II 2D Ex tb IIIC Db
1461