

Inlets' reduction
type R - WMg- *

Application:

R-WMg- * type reducers are intended for use in flameproof transformers and other devices. They are accessories that enable the reduction of cable entries Ø90.00 mm and the use of cable inlets type WMg with metric thread (M38x1.5 or M48x1.5) or inch thread (G 1 1/8" or G 1 1/2").

Special conditions of use:

- operating temperature range of R-WMg- * type inlets due to the sealing rings used in cable inlets of WMg type: - 20°C to + 80°C,

- for fixing the reduction type R-WMg- *, cylinder head bolts M12x35 class 12.9 should be used, in accordance with the requirements of the standards.




Construction

R-WMg- * inlet reducers are made of a steel plate with a welded through sleeve with a diameter corresponding to the inlet diameter WKp ... ie Ø90.00 mm. An appropriate hole is made in the sleeve and a sleeve is welded with a thread corresponding to the type of key to be used (WMg-1, WMg-2, WMg-1a, WMg-2a). The reduction is made entirely of St3S steel.

Technical parameters of the R- WMg reduction:

- reduction operating temperature range	- 20°C +80°C
-level of security:	IP 54
- relative humidity:	to 95 %
- working position:	any
- environment:	moderately chemically aggressive
- ATEX marking	I M2 Ex d I Mb

Series of reductions for inlets type R-WMg- *

Reduction type	The dimensions of the applied inlet WMg			Seal dimensions hole diameter	Execution of seals	The outer diameter of the cables used	Designation of the Wmg inlets
	type	thread	inlet's hole diameter				
R-WMg-1	WMg-1	G 1 1/8"	Ø20 +0,5	Ø 18+0,5 Ø 20+0,5	1 2	Ø15 – Ø17 Ø17 – Ø19	KDB 05ATEX395U I M2 Ex d I Mb  II 2D Ex t IIIC Db IP65
R-WMg-2	WMg-2	G 1 1/2"	Ø24 +0,5	Ø 21+0,5 Ø 23+0,5	1 2	Ø19 – Ø21 Ø21 – Ø23	
R-WMg-1a	WMg-1a	M 38x1,5	Ø20 +0,5	Ø 18+0,5 Ø 20+0,5	1 2	Ø15 – Ø17 Ø17 – Ø19	
R-WMg-2a	WMg-2a	M48x1,5	Ø24 +0,5	Ø 21+0,5 Ø 23+0,5	1 2	Ø19 – Ø21 Ø21 – Ø23	



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

Inlets' reduction
type R - WMg- *

Certificate:

The reduction for cable inlets type R-WMg- * has the EU type examination certificate: **OBAC 09ATEX012U / 1** of **02.03.2015**. carried out by OBAC - Center for Research, Atestation and Certification Sp. z o. o. and meets the requirements of the following standards:

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

The reduction for cable inlets type R-WMg- * is marked:



OBAC 09ATX012U

I M2 Ex d I Mb
1461