



APPLICATION

Explosion proof multiwire bushing RSM/.. is Exd component used for electrical connection between Exd enclosures or between Exd enclosure and Exe terminal box. The bushing is described by the model code depending on the thread size, number and cross section of the wires.

It is used as component with enclosure in mining and hazardous area due to the presence of flammable and explosive gases, vapors or mists in Zones 1 and 2.

TECHNICAL DATA

Certificate:	CESI 09 ATEX 068U
Marking:	CE 0722
Apparatus category:	I M2 II 2G
Marking of explosion protection:	Ex d I Mb Ex d IIC Gb
Service temperature:	$-20\text{ }^{\circ}\text{C} \leq T_{\text{service}} \leq +95\text{ }^{\circ}\text{C}$
Rated insulation voltage U_o :	1000 V AC
Rated current I_o :	Determined by technical data of device
Wire:	- rated cross-section 1,5 - 35 mm ² - type RADOX 155 or BETAtherm 155 IEC 60228 class 5

MODEL CODE

TYPE	NUMBER AND CROSS-SECTION OF WIRES	SIZE OF THREAD/ THREAD LENGTH (mm)	KEY SIZE AF/ BUSHING LENGTH (mm)	WIRE LENGTH (THREAD SIDE) (mm)	TOTAL WIRE LENGTH (mm)
RSM 04	6x1,5mm ²	M25x1,5 - 6g / 14,5	OK30 / 30	150	330
RSM 05	8x1,5mm ²	M25x1,5 - 6g / 14,5	OK30 / 30	150	330
RSM 07	6x4mm ²	M33x1,5 - 6g / 14,5	OK36 / 30	300	530
RSM 08	6x6mm ²	M33x1,5 - 6g / 14,5	OK36 / 30	300	530
RSM 10	6x10mm ²	M36x1,5 - 6g / 14,5	OK41 / 30	300	530
RSM 11	6x16mm ²	M36x1,5 - 6g / 14,5	OK41 / 30	300	530
RSM 13	6x25mm ²	M42x1,5 - 6g / 14,5	OK46 / 30	200	430
RSM 14	6x35mm ²	M42x1,5 - 6g / 14,5	OK46 / 30	200	430

Other configurations available on request



ATEX



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