



ISO 9001  
OBAC/002/SZJ/20



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## INDEX CARD

### Cable gland plugs type Z-WK-M ..

#### **Application:**

Z-WK-M .. type cable gland plugs included in this description are intended for blanking the entries of cables and wires with a circular cross-section into the interior of flameproof electrical devices, thickness I and subgroup IIC and dustproof IIIC. Depending on the design of the keyhole threaded hole, the Z-WK-M .. plugs enable the blanking of entries with an external diameter from M20 to M32.

Cable gland plugs type Z-WK-M .. are designed in accordance with the applicable safety requirements specified in the relevant industrial standards..

**Z-WK-M ..** cable gland plugs are made by turning from a steel rod of St3S grade with a hexagonal cross-section. The plug socket is closed by screwing in a suitable threaded plug. The ATEX marking is engraved on the outside of the body.

#### **Installation of plugs:**

The plug should be mounted in the previously made socket. The slot plugs should be installed as follows - screw the plug into the threaded hole of the socket so that it is completely jammed, then secure the plug with a screw with a washer to prevent it from unscrewing spontaneously. The bolt with the washer should be mounted on the inside of the flameproof chamber.



Type	Thread M	Key	Lock screw thread
Z-WK-M20	M20x1,5	24	M8x35 kl. 8.8
Z-WK-M22	M22x1,5	27	M10x35 kl. 8.8
Z-WK-M28	M28x1,5	36	M12x35 kl. 8.8
Z-WK-M32	M32x1,5	36	M12x35 kl. 8.8



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#### Technical parameters of the Z-WK-M .. end caps:

Working temperature range of plugs:	-10°C to +80°C
Level of security:	IP 65
Relative humidity:	to 95 %
Work location:	any
Environment:	moderately chemically aggressive

#### Certificate:

Z-WK-M end caps have the EU-type examination certificate: **OBAC 14ATEX0199X** of **30/04/2014**.

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 end caps of the Z-WK-M type are marked:



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