



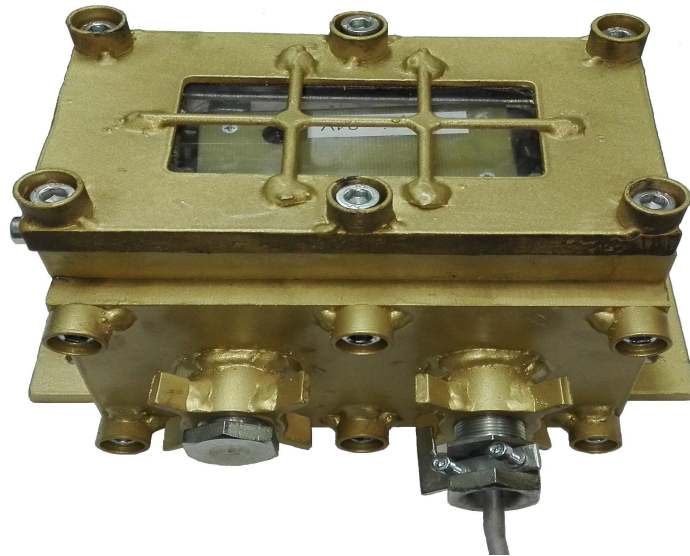
P.H.P.U.

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INDEX CARD

**Universal Flameproof Box
type SUO-1**



Application:

The universal flameproof box type SUO-1 is designed for:

- installation of electronic components;
- installation of measuring elements;
- installation of connecting elements;
- installation of signaling elements (LED).

The universal flameproof box type SUO-1 is intended for use in rooms classified as "a", "b" and "c" of methane explosion hazard and class A or B of coal dust explosion hazard, and in flameproof electrical equipment of the thickness of I, IIB and IIIB.

The universal flameproof box type SUO-1 can be fitted with five versions of covers:

- **Sight glass type W-1 / * – execution I**

Sight glass type W-1 / * mounted on the SUO-1 box enables observation of the inside of the box. Sight glass type W-1 / * has an opening of 109x59mm, in which there can be:

- Sight glass type W-1/1 for group I - glued-in sight glass made of Lexan Exell D polycarbonate plate,

 <p>ISO 9001 OBAC/002/SZJ/20</p>	<p>P.H.P.U.  Sp. z o.o. 44-362 Rogów ul. Raciborska 79 tel./fax 32-4512444, 32-4512010 www.izol-plast.rogow.pl</p>	<p>INDEX CARD</p> <p>Universal Flameproof Box type SUO-1</p>
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- Sight glass type W-1/2 for groups I, II and III - mounted glass sight glass.
- **Execution II (plug)** - The cover serves as a plug for an opening in a SUO-1 type box.
- **Execution III** - The cover has two flameproof control buttons welded into it.
- **Execution IV** - The cover has a welded-in socket for the switch knob with which the built-in switch can be switched over.
- **Execution V** - The cover has two WK-M22 cable inlet sockets welded in for the insertion of cables. If the WK-M22 cable inlet socket is not used, it can be plugged with a certified plug type Z-WK-M22 from IZOL-PLAST.

Certificate:

The universal flameproof box type SUO-1 has the EU-type examination certificate: OBAC 17ATEX0011U from 28/02/2017. made by the Center for Attestation and Certification Testing OBAC Sp. z o. o.

Compliance with the basic safety requirements is ensured by compliance with:

- **PN-EN 60079-0:2013 (EN 60079-0:2012),**
- **PN-EN 60079-1:2014-12 (EN 60079-1:2014),**
- **PN-EN 60079-31:2014 (EN 60079-31:2014).**

The universal flameproof box type SUO-1 is marked in accordance with the EU-type examination certificate as follows:



1461

OBAC 17 ATEX 0011U

I M2 Ex db I Mb

II 2G Ex db IIB Gb

II 3D Ex tc IIIB Dc