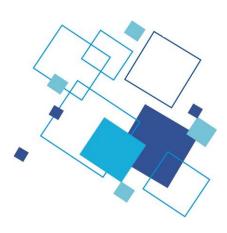


INTRINSICALLY SAFE SIGNAL LIGHT

ISO-1







Catalogue card





DESCRIPTION

ISO-1 intrinsically safe optoelectronic outline signal light for wheel transport in explosion hazard areas is used in underground mines. It is a portable battery supplied device which emits pulsating light. The source of light are LED diodes. In its basic design, ISO-1 emits red light and is designed for marking the outlines the tail of underground railways. It is also possible to use this signal light in the mine to mark dangerous places, boundaries of work and rescue operation areas, as well as escape routes.

There are two types of chargers for intrinsically safe signal light ISO-1:

- ISO-1Ł one position battery charger ISO-1
- ISO-10Ł ten position battery charger ISO-1

Chargers ISO-1Ł and ISO-10Ł may be used only in non-explosion hazard areas!





One position charger ISO-1Ł

Ten position charger ISO-10Ł

BASIC TECHNICAL DATA

| Intrinsically safe signal light ISO-1 | |
|---------------------------------------|--|
| Supply autonomy | ≥ 12 h |
| Working temperature range | from -10 $^{\circ}$ C to + 40 $^{\circ}$ C |
| Relative humidity range | from 0% to 95% without condensation |
| Dimensions | Ø 70 x 100 mm |
| Weight | 0,1 kg |
| Casing internal protection | IP65 |
| Intensywność świetlna emitera | ≥ 2cd |
| Number of LED emitters | 12 |
| Available light colours | red (R), yellow (Y), blue (B), green (G), white (W) |

EXPLOSION-PROOF MARK



EC-TYPE EXAMINATION CERTIFICATE:: FTZU 06 ATEX 0069

