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SIGNALLING

ATEX VISUAL SIGNALLING DEVICES   ZONES 1, 2 (gas) & 21, 22 (dust)

The explosion-safe AR-048 LED warning light is designed for use under the most demanding conditions. The robust aluminium housing, the 4 mm thick impact-resistant window, the O-ring seal and molded electronics ensure that the lamp is completely impervious to water and salt.

The latest generation LEDs ensure a clearly perceptible visual signal.
Dependent on the execution, the light will burn continuously or it blinks at a frequency of 1 Hertz. The warning light can be ordered either with a radial cable connection or with a connection on the back of the lamp.
This makes the lamp highly suitable for use as a warning light on control cabinets.

The connection cable has a standard length of 5 meters.

EU-Type Examination Certificate

ITEM REFERENCES			
Designation:	Light color:	Cable position:	Item No.:
AR-048 / 0 3 1 - R	Red	Radial (default, see picture)	2A2330
AR-048 / 1 3 1 - R	Red	Axial	2A2331
AR-048 / 0 3 1 - Y	Yellow / Amber	Radial (default, see picture)	2A2332
AR-048 / 1 3 1 - Y	Yellow / Amber	Axial	2A2333
AR-048 / 0 3 1 - G	Green	Radial (default, see picture)	2A2334
AR-048 / 1 3 1 - G	Green	Axial	2A2335

TECHNICAL SPECIFICATIONS	
Marking:	Ex II 2G Ex mb IIC T4 Gb Ex II 2D Ex mb IIIC T135°C Db
Certificate:	EU-Type Examination Certificate
Ambient temperature:	-20 °C to +60 °C
Light color:	Red (625 nm), Yellow / Amber (610 nm) or Green (530 nm)
Light intensity:	195 lm
Lighting mode:	Continuous or blinking, user selectable – 4-wire connection
Material:	Anodized aluminum housing, 4mm impact-resistant polycarbonate window
Ingress protection:	IP65 according to EN 60529
Supply voltage:	24-48 VDC ± 10%
Nominal current:	160 mA @ 24 VDC
Connection:	Fixed cable, 4 x 0,75 mm², length 5 m
Earth connection:	External, stainless steel, 4 mm²
Dimensions:	Ø 95 x 41 mm (excl. cable gland)
Mounting:	Stainless steel bracket
Weight:	830 gr