



Monitored Permanent Beacon with long life, maintenance-free LED technology



Bracket (accessory)

- Durable LED Permanent Beacon with built-in monitoring capability
- No additional external voltage required
- Two potential-free safety outputs for connection to control system

Life duration up to 50,000 hrs

i TECHNICAL SPECIFICATIONS:

Dimensions (Diameter x Height):	98 mm x 137 mm
Housing:	PC/ABS-Blend
Lens:	PC, transparent
Fixing:	Base, bracket and tube mounting Base 975 840 90 must be ordered twice for tube mounting - once as socket for beacon and once as base
Installation position:	Vertical
Cable outlet:	Downwards
Current consumption:	≤ 145 mA
Duty cycle:	100 %
Connection:	Screw terminal with wire protection max. 2.5 mm ²
Cable entry:	Cable diameter 5-7 mm
Rated voltage:	24 V DC
Input power 24 V DC:	c. 3.5 W
Output current capability:	30 V DC/100 mA
On state resistance of an output:	Max. 25 Ω
Atmospheric humidity:	≤ 95% without moisture condensation
Response time, normal operation and with LED failure:	1 ms to 5 ms
in fault cases with safety release:	< 1 s (with short-circuit current ≥ 1 A)
Certification:	EN ISO 13849-1:2008 category 4, Performance Level "e" EN ISO 13849-2:2008 validation

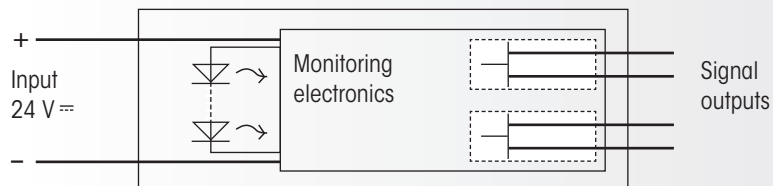
ORDER SPECIFICATIONS:

Voltage	24 V DC
red	829 170 55
yellow	829 370 55
clear	829 470 55

ACCESSORIES:

Bracket	975 826 05
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ADDITIONAL INFORMATION:



Function

The device is equipped with monitoring electronics which signal the current flow of the beacon back to two electrically isolated, potential-free semiconductor outputs A and B (outputs closed).

If the beacon has not been actuated, both outputs are open. In case of a fault at least one output is opened.

TECHNICAL DIAGRAMS:

see page 317

See note on page 347

Sizes of Permanent Beacons

