

Lumiglas Presence Detector II 2G Ex d IIC T6 Gb II 2D Ex tb IIIC T80°C Db

The presence detector and twilight switch:

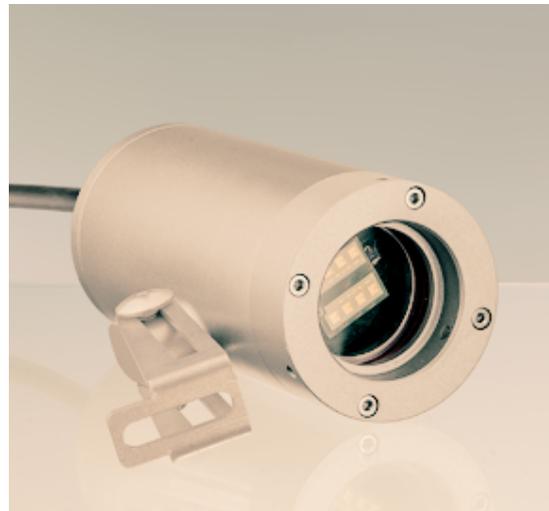
- The M55-BD-Ex autonomously identifies signals or other movements within both indoor and outdoor ATEX environments.
- This device is also engineered for application in explosive environments.
- It features a radar system and a twilight switch constructed from an optical sensor.
- Utilizing the M55-BD-Ex enables energy conservation.
- Numerous applications are feasible due to the sensor's configuration options. For instance, the presence detector and the twilight switch can function in tandem or independently.

Use:

Dangerous Area Alarm - Activate lights in response to movement - Employ audible and visual alert devices.

Matter:

1.4404 / 316L stainless steel casing



Protection index: IP65 and IP67

Terms of Service:

Under no circumstances should the M55-BD-Ex presence detector serve as a substitute for the SIGHT glass or its counter flange.

Utilize a temperature range of -20°C to +40°C.

Certificate of Compliance:

BVS 15 ATEX E 057 X II 2G Ex d IIC T6 Gb II
2D Ex tb IIIC T80°C Db

Supply voltage:

230 V AC or 24 V AC/DC

Conditions of use for safe application:

Connection cable: minimum 1m - the connection cable must be positioned to prevent any electrostatic hazards.

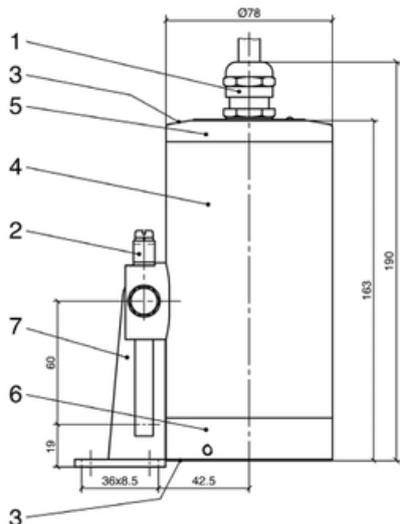
The electric cleaner is incorporated into the connection cable.

Mounting alternatives:

Fixing screws provided with the 1.4301 stainless steel hinge; alternative fixings can be supplied upon customer request.

<https://www.gallet-fr.com>

Features and technical specifications for the M55-BD-Ex presence detector:



1. M20x1.5 ATEX cable gland
2. External protection
3. M4 A2-70 fastening screw
4. Main body
5. Lid
6. Glass
7. Charnière

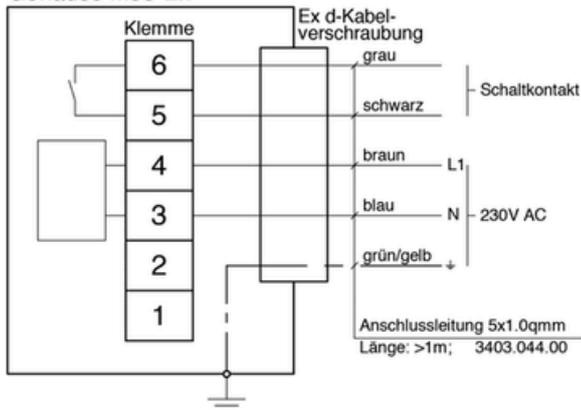
Composition:

- Body: stainless steel 316L
- Hinge repair: stainless steel 1.4301
- Visibility diameter: borosilicate glass
- Weight with hinge and 3m connection cable: 5 x 1 mm²: 3.9 kg

Electrical cable:

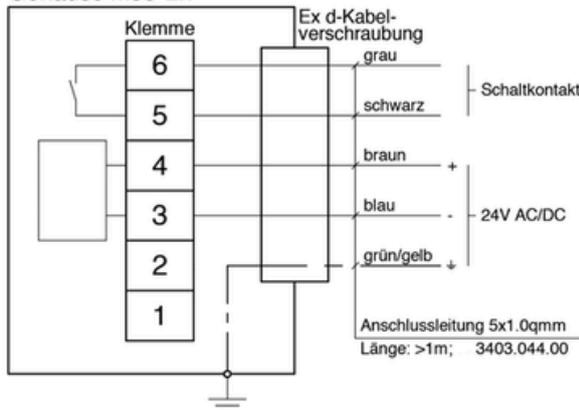
230 V AC

Gehäuse M55-Ex



24 V AC/DC

Gehäuse M55-Ex



- Electronics output: 5 W
- Contact current: 250 AC / 5 A / 1250 VA
- Radar sensor detection range: horizontal 72° and vertical 60°
- Sensor elevation: 10 m
- Adjustable sensitivity of the switch
- Average delay time (to be specified at the time of ordering) (ranging from 5 seconds to 3 minutes)
- Sensitivity (1-1400 lux)

<https://www.gallet-fr.com>

GALLET INDUSTRIAL EQUIPMENT

12 Z.I. Saint Éloi

TEL: 03.87.78.33.83 E-MAIL: gallet@gallet-fr.com