



FLAMEPROOF®

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FJB210WL2

Flameproof Ex dt IP66/IP67 LED STOP-GO Signal Light

- Explosion-proof solid state high intensity RED and GREEN signal light
- High power, high efficiency, cool LED technology
- 1280 lumens luminous flux for GREEN, 640 lumens for RED
- Universal supply voltage: DC, 120 or 240 Vac 50-60 Hz
- Constant light output through a wide input voltage range
- Overtemperature protected
- Very long operating life, no lamp replacements
- Impact and vibration resistant
- Suitable for installation in areas with possible presence of any type of explosive gas and combustible dust: IECEx certification for zone 1 and zone 21
- Withstands weather conditions, water jets and temporary submersion
- External replaceable diffusers

The FJB210WL2 Power LED STOP-GO signal light offer superior quality, durability and reliability in all conditions.

- Ex d IIB+H2: suitable for installation in petrol terminals, refineries, chemical plants, oil rigs
- Ex t IIIC: suitable for all dust types including conductive dusts, coal, alumina, gunpowder, flour, sugar
- Protected against water jets and temporary submersion (IP66/IP67): suitable for marine applications, oil terminals, jetties, oil rigs
- Rugged construction in one unit
- Metric entries have accurate flat spot-face for perfect gland sealing.
- Two M20 threaded entries. Top and bottom entries option.
- Delivered with lug for external earth connection
- Adjustable bracket and visors available
- Can be installed vertical or horizontal



FJB210WL2 front view. The green and red light sources are solid-state and designed to last for life. The reflectors are internal, therefore are protected from dust and weather. The diffusers can be replaced from outside.

The cover is hinged to the base. Cable entries can be in the bottom side or top and bottom.

APPLICATIONS:

Loading docks and bays where an explosive atmosphere is or might be present
Oil refineries
Chemical plants
Oil rigs
Oil terminals and jetties
Coal mines (surface)
Gas plants and storage depots
Sugar refineries
Grain mills, flour silos
Railway tunnels



Internal view.

Technical Specifications:

Material: Marine grade, copper-free, tempered aluminium alloy (Stainless steel 316 optional). UV and weather resistant light gray coating. Stainless Steel 316 fasteners. Solid silicone seals.

Dimensions: mm 280h 195w 115d

Weight: kg 8

Flanged explosion-proof enclosure with bolted lid, hinged to the main part.

Solid-state electronics with high-efficiency PWM driver and LED emitters (no lamps)

Cable entries: 2x M20 in the bottom side and/or in the top side with plugs

Luminous flux: 1280 lumens for GREEN; 640 lumens for RED

Heat loss: 14 W

Hazardous Area rating: Zone 1, Zone 2, Zone 21, Zone 22.

Ex d IIB+H2 T6 Gb

Ex t IIIC T85C Db

IP66/IP67

IECEEx TSA 08.0036 Certificate of Conformity

IECEEx TSA 001 Ex Conformity Mark

ATEX, UL, cUL pending