



Signalling for Hazardous Areas

The Visual Signal Series FX15



Suitable for offshore/onshore and harsh environments

Corrosion-resistant light weight GRP enclosure

Stainless steel fixings and guard

High ingress protection IP66 & IP67

5 joule high intensity xenon strobe

Light enhancing lens design

Extreme temperature range
-55 ... +70 °C

Flexible mounting options

Optional telephone initiate facility





FX15 Xenon visual signal

Corrosion-resistant signalling

Introducing the light weight FX15 series of flashing signals for use in Ex Zone 1/21 or 2/22 hazardous areas, R. STAHL now provides a new signalling solution that is suitable for offshore & onshore use and in extremely rugged and harsh environments. The signal is designed to operate within a wide temperature band, ranging from +70 °C down to -55 °C, subject to temperature class. Constructed of corrosion-resistant glass-fibre reinforced polyester (GRP), the Ex d housing ensures both IP66 and IP67 protection level. The enclosure is supplied in natural black as standard, but is also available in a range of colours using an epoxy coating. A large range of options and accessories give customers the opportunity to create a solution for almost any application.

All signals come as standard with a stainless steel lens guard, which protects the polycarbonate fresnel lens and well glass from accidental damage during use. With its xenon gas discharge lamp, the unit is designed to flash at a rate of one per second and will deliver 49 effective candela, when used with a clear lens. Other lens colours are available, providing the right visual solution for most signalling and warning applications. With its compact design and flexible mounting arrangement, the FX15 is suitable for a variety of applications, ranging from marine and loading facilities, complex analysis stations, skid packages, detection and suppression systems and much more.

Supply voltage options range from 24 or 48 V DC as well as 115 or 230 V AC. Installation is made simple and versatile, as the unit is designed with two side and one top M20 cable entries. There are several ways to mount the unit, either through direct mount onto a conduit or pipe, or through the use of the strap bracket, which allows the side entries to be used for in/out loop installation. There is also the 'L' bracket, which facilitates wall or bulkhead mounting in any orientation and also allows for in/out loop wiring.

ATEX and IECEx certification is available, with other relevant approvals such as UL, GOST, Inmetro and others to follow. Essential installation material and replacement parts are available.

Stainless steel fixings for flexible mounting options: strap/wall/pipe

Cable entry via 3 x M20*

Rated operational voltage 24 V DC, 48 V DC, 115 V AC and 230 V AC

Corrosion-resistant light weight GRP Ex d enclosure

Wire guard and fixings in stainless steel – corrosion-resistant to saltwater

High intensity 5 joule xenon strobe

Light enhancing lens design

* Product supplied with three dust covers. This figure shows the available accessories.



FIRE PROTECTION
 GAS DETECTION
 GENERAL SIGNALLING
 TANK FARMS
 SKID PACKAGES
 SUPPRESSION SYSTEMS
 BATTERY ROOMS
 PROCESSING PLANTS



EXPLOSION PROTECTION



Global (IECEx)*

Gas and dust
 IIB IECEx BAS 13.0005X
 IIC IECEx BAS 13.0003

Europe (ATEX)*

Gas and dust
 IIB Baseefa13ATEX0007X
 IIC Baseefa13ATEX0006

Degree of protection IP66/IP67

Temperature range -55 ... + 70 °C

*Details on www.stahl.de

Webcode FX15A

FX15 General signalling

Cabinets



Notification



Cranes & loading equipment



Door entry



Machine startup



Forklift/vehicle warning



Panels



In different colours available

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