



- Ex d enclosure made from seawater-resistant aluminium
- 5 Joule xenon strobe
- Lens available in seven different colours
- Stainless steel fixings
- Flash rate 1 Hz
- Lens guard and mounting bracket supplied as standard
- NEMA 4X / IP66 rated
- Telephone initiate option available
- SIL 1 IEC61508-2:2010

MY R. STAHL FL60B



Yodalex range

Product Series FL60 is designed to provide a visual alarm which can be used to alert, warn or draw attention to machine malfunction/start up or any number of safety related issues in hazardous areas. Visual signal designed for use in hazardous or harsh environments.

| | NEC® 500 CE Code Appendix J | | | | | |
|-----------------|--------------------------------|---|----------|---|-----------|---|
| | Class I | | Class II | | Class III | |
| Division | 1 | 2 | 1 | 2 | 1 | 2 |
| Ex interface | | | | | | |
| Installation in | • | • | • | • | • | |

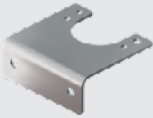
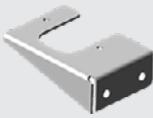
| | CE Code Section 18 NEC® 505 NEC® 506 | | | | | |
|-----------------|---|---|---|----|----|----|
| | Class I | | | | | |
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| Ex interface | | | | | | |
| Installation in | | • | • | | • | • |

| | IECEx / ATEX | | | | | |
|-----------------|--------------|---|---|---|----|----|
| | Zone | 0 | 1 | 2 | 20 | 21 |
| Ex interface | | | | | | |
| Installation in | | • | • | | • | • |


| Selection Table | | | | | | | |
|------------------------------|------------------------------|--------------------------|-----------------------|-------------|-----------------|----------|---------|
| Flashbulb | | 5 J | | | | | |
| Rated operational voltage AC | Rated operational voltage DC | Nominal current at AC | Nominal current at DC | Lens colour | Product Type | Art. No. | Weight |
| 115 V | - | 0.09 A | - | Amber | FL60/B/L50/A/UL | 205163 | 5.08 kg |
| | | 0.09 A | - | Blue | FL60/B/L50/B/UL | 205164 | 5.08 kg |
| | | 0.09 A | - | Clear | FL60/B/L50/C/UL | 261246 | 5.08 kg |
| | | 0.09 A | - | Green | FL60/B/L50/G/UL | 269204 | 5.08 kg |
| | | 0.09 A | - | Red | FL60/B/L50/R/UL | 205165 | 5.08 kg |
| 230 V | - | 0.045 A | - | Amber | FL60/B/N50/A/UL | 212367 | 5.08 kg |
| | | 0.045 A | - | Red | FL60/B/N50/R/UL | 211406 | 5.08 kg |
| Certificates Flashbulb | | Canada / USA (UL) 5 J | | | | | |
| Rated operational voltage AC | Rated operational voltage DC | Nominal current at AC | Nominal current at DC | Lens colour | Product Type | Art. No. | Weight |
| - | 24 V | - | 0.22 A | Amber | FL60/B/D50/A/UL | 205156 | 5.08 kg |
| | | - | 0.22 A | Blue | FL60/B/D50/B/UL | 205368 | 5.08 kg |
| | | - | 0.22 A | Clear | FL60/B/D50/C/UL | 205159 | 5.08 kg |
| | | - | 0.22 A | Red | FL60/B/D50/R/UL | 205160 | 5.08 kg |
| | | - | 0.22 A | Yellow | FL60/B/D50/Y/UL | 205369 | 5.08 kg |

Further variations in gas group, flash energy, voltage and lens colour are available, please use the selection table on the internet. MY R. STAHL FL60B


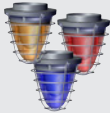
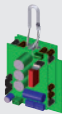
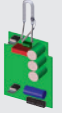
| Technical Data | |
|---|---|
| Explosion Protection | |
| Certificate cUL | UL E188831 |
| Certificate ULus | UL E188831 |
| Marking cULus | Class I, Div. 1,2, Groups B,C,D Class II, Groups E,F,G Class III Class I, Zone 1 AEx/Ex d IIB + H ₂ |
| Ambient Conditions | |
| Ambient temperature °F | -13°F ... +150°F |
| Notes | The operating temperature is different based by the UL and IECEx certificate |
| Lighting Data | |
| Lamp | Xenon flash tubes |
| Flash rate | 1 Hz |
| Mechanical Data | |
| Degree of protection (IP) (IEC 60529) | IP66 |
| Class | I (PE connection) (Internal + external) |
| Enclosure material | Aluminum, powder-coated, Seawater-resistant |
| Material glas dome | Polycarbonate |
| Wire guard material | Stainless steel |
| Connection terminal, solid, max. AWG | AWG 14 |
| Max. solid connection terminals | 2.5 mm ² |
| Connection terminal, finely stranded, max. AWG | AWG 14 |
| Max. finely stranded connection terminals | 2.5 mm ² |
| Enclosure color | Red (RAL 3001) |
| Mounting / Installation | |
| Connection type | Screw terminal |
| Mounting part material | Sheet steel, powder-coated |
| Components | |
| Drilled holes | 2 x M20 |
| Cable glands and entries | Can be ordered as accessories |
| Stopping plugs | 1 x CMP-757 VST Ms M20 1 x dust cap 2 x adaptor M20x1/2"NPT |
| Stopping plug material | Brass |
| You can find more technical data online at r-stahl.com . MY R. STAHL FL60B | |

| Accessories | | | |
|---|--|----------|--------|
| Figure | Description | Art. No. | Weight |
| Mounting accessories | | | |
|  | L-bracket, stainless steel, (available for FL60, YL60, YA60) | 210794 | 300 g |
|  | Mounting bracket Material: Stainless steel | 262014 | 290 g |

Accessories

| Figure | Description | Art. No. | Weight |
|---|--|----------|--------|
| Mounting accessories | | | |
|  | Sun shield, stainless steel (available for FL60) | 262012 | 180 g |

Spare Parts

| Figure | Description | Product Type | Art. No. | Weight |
|---|---|--------------|----------|---------|
| Lens glass | | | | |
|  | clear | - | 209402 | 70 g |
| | red | - | 209405 | 70 g |
| | yellow | - | 209406 | 70 g |
| | amber | - | 209400 | 70 g |
| | blue | - | 209401 | 70 g |
| | green | - | 209403 | 70 g |
| Flange | | | | |
|  | Flange, UL, amber (available for FL60, YL60) | - | 209421 | 1.08 kg |
| | Flange, UL, blue (available for FL60, YL60) | - | 209422 | 1.08 kg |
| | Flange, UL, clear (available for FL60, YL60) | - | 209423 | 1.08 kg |
| | Flange, UL, green (available for FL60, YL60) | - | 209424 | 1.08 kg |
| | Flange, UL, red (available for FL60, YL60) | - | 209426 | 1.08 kg |
| | Flange, UL, yellow (available for FL60, YL60) | - | 209427 | 1.08 kg |
| Spare PCB assembly kit | | | | |
|  | PCB FL60 5 J/115 to 230 V AC | FL60 | 209503 | 100 g |
|  | 24 V DC/5 J | FL60 | 222971 | 95 g |

Sheet steel mounting bracket supplied as standard.
Approvals of the cable entries must be observed.

