

# Audible and visual signaling device

Series YL60 - Ex d, XENON/LED, aluminium



- Ex d enclosure made from seawater-resistant aluminium
- Omnidirectional high output sounder 110 dB(A) @ 1 m (39.37")
- 5 Joule xenon strobe
- Flash rate 1 Hz
- 2 stage alarm, independently selectable 2nd stage, each with 32 selectable tones in accordance with international regulations
- Independent tone selection using a DIL switch
- Aluminium enclosure with stainless steel fasteners
- Telephone initiate option available
- NEMA 4X / IP66 rated
- Devices have triple listing, UL, ATEX & IECEx

## MY R. STAHL YL60A



### Yodalex range

Product Series YL60 is designed to provide both an audible and 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. The audible and visual signals can be operated independently or as a combination unit.

	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						
Certificates		Canada / USA (UL)				
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Lens colour	Product Type	Art. No.	Weight
115 V	-	200 mA	Amber	YL60/B/L50/A/UL	205568	6 kg
		200 mA	Blue	YL60/B/L50/B/UL	205298	6 kg
		200 mA	Clear	YL60/B/L50/C/UL	224224	6 kg
		200 mA	Green	YL60/B/L50/G/UL	239987	6 kg
		200 mA	Red	YL60/B/L50/R/UL	205299	6 kg
		200 mA	Yellow	YL60/B/L50/Y/UL	211815	6 kg
		230 V	-	100 mA	Amber	YL60/B/N50/A/UL
100 mA	Blue			YL60/B/N50/B/UL	272618	6 kg
100 mA	Clear			YL60/B/N50/C/UL	250450	6 kg
100 mA	Green			YL60/B/N50/G/UL	209044	6 kg
100 mA	Red			YL60/B/N50/R/UL	212386	6 kg
100 mA	Yellow			YL60/B/N50/Y/UL	224680	6 kg

## Selection Table

Certificates						
Canada / USA (UL)						
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Lens colour	Product Type	Art. No.	Weight
-	24 V	570 mA	Amber	YL60/B/D50/A/UL	205287	6 kg
		570 mA	Blue	YL60/B/D50/B/UL	205289	6 kg
		570 mA	Clear	YL60/B/D50/C/UL	205291	6 kg
		570 mA	Green	YL60/B/D50/G/UL	214636	6 kg
		570 mA	Red	YL60/B/D50/R/UL	205293	6 kg
		570 mA	Yellow	YL60/B/D50/Y/UL	205297	6 kg

## Technical Data

<b>Explosion Protection</b>	
Certificate ULus	UL E161818
Certificate cUL	UL E161818
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 <sub>2</sub>
<b>Acoustic Data</b>	
Sound pressure level	Max. 110 dB(A) @ 39.37"
Sound pressure level	max. 110 dB(A) @ 1 m
Tone selection	Via DIL switch
Sound level	2
<b>Ambient Conditions</b>	
Ambient temperature °F	-13°F ... +150°F
Notes	The operating temperature is different based by the UL and IECEx certificate
<b>Lighting Data</b>	
Lamp	Xenon flash tubes
Flashbulb	5 J
Flash rate	1 Hz
<b>Mechanical Data</b>	
Degree of protection (NEC UL 50)	NEMA 4X
Degree of protection (IP) (IEC 60529)	IP66
Enclosure material	Aluminum, powder-coated, Seawater-resistant
Enclosure color	Red (RAL 3001)
Trumpet material	ABS, flame retardant
Material glas dome	Polycarbonate
Wire guard material	Stainless steel
Connection terminal, solid, max. AWG	AWG 14
Max. solid connection terminals	2.5 mm <sup>2</sup>
Connection terminal, finely stranded, max. AWG	AWG 14
Max. finely stranded connection terminals	2.5 mm <sup>2</sup>
<b>Mounting / Installation</b>	
Connection type	Screw terminal
Mounting part material	Sheet steel, powder-coated
<b>Components</b>	
Drilled holes	2 x M20
Cable glands and entries	Can be ordered as accessories


## Technical Data

### Components

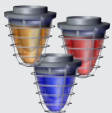


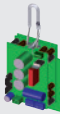
Stopping plugs	1 x dust cap 1 x adapter M20x1/2" NPT 1 x CMP-757 VST Ms M20
Stopping plug material	Brass

You can find more technical data online at [r-stahl.com](http://r-stahl.com). WebCode YL60A

## Accessories

Figure	Description	Art. No.	Weight
<b>Mounting accessories</b>			
	L-bracket, stainless steel, (available for FL60, YL60, YA60)	210794	300 g

## Spare Parts

Figure	Description	Product Type	Art. No.	Weight
<b>Flange</b>				
	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
<b>Lens glass</b>				
	amber	-	209400	70 g
	blue	-	209401	70 g
	clear	-	209402	70 g
	green	-	209403	70 g
	red	-	209405	70 g
	yellow	-	209406	70 g
<b>Spare PCB assembly kit</b>				
	PCB YL60/C 5 J/24 V DC	YL60	222970	126 g
	115 to 230 V AC/5 J	YL60	209522	390 g

