



- 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

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WebCode **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 CEC Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Ex interface						
Installation in	•	•	•	•	•	

	CEC Section 18 NEC® 505					
	Class I					
Zone	0	1	2	20	21	22
Ex interface						
Installation in		•	•		•	•

	IECEx / ATEX					
	0	1	2	20	21	22
Ex interface						
Installation in		•	•		•	•

Selection Table						
Certificates ATEX (BAS), Canada / USA (UL), IECEx (BAS)						
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Lens colour	Product Type	Art. No.	Weight lb
115 V	–	200 mA	Amber	YL60/B/L50/A/UL	205568	13.23
		200 mA	Blue	YL60/B/L50/B/UL	205298	13.23
		200 mA	Clear	YL60/B/L50/C/UL	224224	13.23
		200 mA	Green	YL60/B/L50/G/UL	239987	13.23
		200 mA	Red	YL60/B/L50/R/UL	205299	13.23
		200 mA	Yellow	YL60/B/L50/Y/UL	211815	13.23
230 V	–	100 mA	Amber	YL60/B/N50/A/UL	205301	13.23
		100 mA	Blue	YL60/B/N50/B/UL	272618	13.23
		100 mA	Clear	YL60/B/N50/C/UL	250450	13.23
		100 mA	Green	YL60/B/N50/G/UL	209044	13.23
		100 mA	Red	YL60/B/N50/R/UL	212386	13.23
		100 mA	Yellow	YL60/B/N50/Y/UL	224680	13.23

Selection Table

Certificates ATEX (BAS), Canada / USA (UL), IECEx (BAS)						
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Lens colour	Product Type	Art. No.	Weight lb
–	24 V	570 mA	Amber	YL60/B/D50/A/UL	205287	13.23
		570 mA	Blue	YL60/B/D50/B/UL	205289	13.23
		570 mA	Clear	YL60/B/D50/C/UL	205291	13.23
		570 mA	Green	YL60/B/D50/G/UL	214636	13.23
		570 mA	Red	YL60/B/D50/R/UL	205293	13.23
		570 mA	Yellow	YL60/B/D50/Y/UL	205297	13.23

Technical Data

Explosion Protection	
Certificate ULus	UL E161818
Certificate cUL	UL E161818
Marking ULus	Class I, Div. 1, Groups B,C,D; Div. 2, Groups B,C,D Class II, Groups E,F,G Class III Class I, Zone 1 AEx d IIB + H ₂ and Ex d IIB + H ₂
Marking cUL	Class I, Div. 1, Groups B,C,D; Div. 2, Groups B,C,D Class II, Groups E,F,G Class III Class I, Zone 1, Ex d IIB + H ₂
IECEx gas explosion protection	Ex d IIB+H ₂ T4 Gb
IECEx dust explosion protection	Ex tb IIIC T135 °C Db
Acoustic Data	
Sound pressure level	max. 110 dB(A) @ 39.37 "
Sound pressure level	max. 110 dB(A) @ 1 m
Tone selection	Via DIL switch
Number of stages	2
Ambient Conditions	
Ambient temperature °F	-4°F ... +140°F
Ambient temperature °C	-20 °C ... +60 °C
Notes	The operating temperature is different based by the UL and IECEx certificate
Lighting Data	
Lamp	Xenon flash tubes
Flash energy	5 J
Flash rate	1 Hz
Mechanical Data	
Degree of protection (NEC UL 50)	NEMA 4X
Degree of protection IP (IEC 60529)	IP66
Enclosure material	Aluminum, powder-coated, Seawater-resistant
Enclosure colour	Red (RAL 3001)
Trumpet material	ABS, flame retardant
Material glas dome	Polycarbonate
Material wire guard	Stainless steel
Connection terminals solid AWG max.	AWG 14
Connection terminals solid max.	2.5 mm ²
Connection terminals finely-stranded AWG max.	AWG 14
Connection terminals finely-stranded max.	2.5 mm ²
Mounting / Installation	
Connection type	Screw terminal

Combined Audible and Visual Signaling Devices

Series YL60 - Flameproof Version; max. 110 dB(A) @ 1 m (39.37") / 5 J

STAHL

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Technical Data

Mounting / Installation

Material mounting parts Sheet steel, powder-coated

Components

Drilled holes 2 x M20

Cable entries Can be ordered as accessories

Stopping plug
1 x 1/2" NPT
2 x adapters M20x1/2"NPT
1 x dust cap

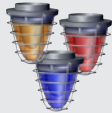
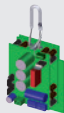
Stopping plug material Brass

You can find more technical data online at r-stahl.com. WebCode YL60A

Accessories

Figure	Description	Art. No.	Weight lb
Mounting bracket			
	Stainless steel bracket fixing kit accessories	210794	0.88

Spare Parts

Figure	Description	Product Type	Art. No.	Weight lb
Emergency light flange				
	amber UL spare	-	209421	2.38
	blue UL spare	-	209422	2.38
	clear UL spare	-	209423	2.38
	green UL spare	-	209424	2.38
	red UL spare	-	209426	2.38
	yellow UL spare	-	209427	2.38
Moulding-lens				
	amber	-	209400	0.15
	blue	-	209401	0.15
	clear	-	209402	0.15
	green	-	209403	0.15
	red	-	209405	0.15
	yellow	-	209406	0.15
Replacement PCB assembly				
	115 ... 230 V AC / 5 J	YL60	209522	0.86
	24 V DC / 5 J	YL60	222970	0.28

Sheet steel mounting bracket supplied as standard.

