

Additional Technology and Signaling

Aud./vis. signalling device Horn/XENON light fitting

In flameproof enclosure

YL60/324-DS101-00BW30-ST000-0000 Art. No. 319429

STAHL



MY R. STAHL YL60C



Technical Data

Explosion Protection

Scope of validity	European Union (ATEX) IECEEx United Kingdom
Application range (Zones)	1 2 21 22
IECEEx gas certificate	IECEEx EPS 22.0046X
IECEEx gas explosion protection	Ex db eb IIC T4 Gb
IECEEx dust certificate	IECEEx EPS 22.0046X
IECEEx dust explosion protection	Ex tb IIIC T100 °C Db
ATEX gas certificate	EPS 22 ATEX 1 224X
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T4 Gb
ATEX dust certificate	EPS 22 ATEX 1 224X
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T100 °C Db
Certificates	ATEX (BVIS), IECEEx (BVIS)
Declaration of Conformity	ATEX (EUK)

Electrical Data

Rated operational voltage DC	12 ... 27.2 V
DC min. rated operational voltage	12 V
DC max. rated operational voltage	27.2 V
Line monitoring	Yes
Tolerance	-10 ... 10 %

Acoustic Data

Horn version	omnidirectional
Sound pressure level	max. 114 dB(A) @ 1 m
Sound level	4
Volume control	Max. -18 dB(A) adjustment

Lighting Data

Lamp	5 J xenon flash tubes
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Lighting Data

Effective luminous intensity (1 Hz, flashing)	25 cd
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Ambient Conditions

Ambient temperature °C	-40 °C ... 70 °C (T4)
Storage temperature °C	-60 °C ... 70 °C

Mechanical Data

IP degree of protection (IEC 60598)	IP66
Connection chamber version	Ex e
Enclosure material	Aluminium, powder-coated, Seawater-resistant
Enclosure color	red, similar to RAL 3020
Silicone-free content	Contains silicone
Trumpet material	PC/PBT
Material dome	Polycarbonate, prismatic
Protective collar material	Polycarbonate (PC cover)
Wire guard material	Stainless steel
Max. solid connection terminals	4 mm ²
Max. finely stranded connection terminals	2.5 mm ²
Width	176 mm
Height	422 mm
Length	128 mm
Lens colour	Blue
Fastening	Wall bracket
Weight	6.54 kg
Weight	14.42 lb

Mounting / Installation

Connection type	Push in
Mounting part material	Stainless steel

Components

Drilled holes	2 x M20 + 2 x M25
Cable glands and entries	1 x M20 Ø 4 ... 13 mm 1 x M25 Ø 7 ...
Material cable gland	Polyamide, black
Stopping plugs	2x M20 + 2x M25
Stopping plug material	Polyamide, black

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

Accessories

Metal cable gland



Ex d & Ex e cable entry with compound for all types of armoured cables (SWA, braided, tape) (nickel-plated brass) Type 20PX2K, M20 x 1.5	109428
Ex d & Ex e Cable entry with RapidEx sealing system for all types of unarmoured and braid armour cables (nickel-plated brass) Type 20PX2K-REX, M20 x 1.5	246649

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STAHL

	Ex d & Ex e Cable entry with compound gland for all types of unarmoured and braid armour cables (nickel plated brass) Type 20PXSS2K, M20 x 1.5	109441
	Ex d & Ex e Cable entry with RapidEx sealing system for all types of unarmoured and braid armour cables (nickel-plated brass) Type 20PXSS2K-REX, M20 x 1.5	246605

Cable gland made of plastic

Art. No.

	8161/7-M20-1304, Ex e Plastic, M20 x 1.5, cable outer diameter 4 to 13 mm Lot size 50 pieces	239156
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Stopping plug

Art. No.

	8290/3-M20 Plastic, M20 x 1.5 Lot size 1 piece	143522
	8290/3-M20 Plastic, M20 x 1.5 Lot size 100 pieces	285773

		Art. No. 319271
		319280
		319272

Spare Parts

		Art. No. 319274
		319281
		319250

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