

Additional Technology and Signaling

Visual signalling device LED light fitting

In flameproof enclosure

FL60/326-D0801-00BW30-ST000-0000 Art. No. 319406



MY R. STAHL FL60D



Technical Data

Explosion Protection

Scope of validity	European Union (ATEX) IECEX United Kingdom
Application range (Zones)	1 2 21 22
IECEX gas certificate	IECEX EPS 22.0046X
IECEX gas explosion protection	Ex db eb IIC T6 / T4 Gb
IECEX dust certificate	IECEX EPS 22.0046X
IECEX dust explosion protection	Ex tb IIIC T80 °C / T100 °C Db
ATEX gas certificate	EPS 22 ATEX 1 224X
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T6 / T4 Gb
ATEX dust certificate	EPS 22 ATEX 1 224X
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T80 °C / T100 °C Db
Certificates	ATEX (BVIS), IECEX (BVIS)
Declaration of Conformity	ATEX (EUK)

Electrical Data

Rated operational voltage DC	21.1 ... 27.2 V
DC min. rated operational voltage	21.1 V
DC max. rated operational voltage	27.2 V
Line monitoring	Yes
Tolerance	-10 ... 10 %

Lighting Data

Lamp	LED dome light fitting
Effective luminous intensity (1 Hz, flashing)	95 cd

Ambient Conditions

Ambient temperature °C	-40 °C ... 40 °C (T6) -40 °C ... 70 °C (T4)
Storage temperature °C	-60 °C ... 70 °C

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Mechanical Data

IP degree of protection (IEC 60598)	IP66/67
Connection chamber version	Ex e
Enclosure material	Aluminium, powder-coated, Seawater-resistant
Enclosure color	red, similar to RAL 3020
Silicone-free content	Contains silicone
Material dome	Polycarbonate, prismatic
Material glas 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
Clamping range	0.5 ... 4 mm
Width	176 mm
Height	317 mm
Length	128 mm
Lens colour	Blue
Fastening	Wall bracket
Weight	5.56 kg
Weight	12.26 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

Art. No.

	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
	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

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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

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

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.