

EXPLOSION-PROOF STROBE LIGHT DSLB 20

Zones 1, 2, 21, 22

Full catalogue available on our website: www.inpratex.com

ATEX VISUAL SIGNALLING DEVICES

ZONES 1, 2 (gas) & 21, 22 (dust)

3
SIGNALLING



Optical signalling is often required for warning or notifying purposes in potentially explosive areas. The Strobe Light dSLB20 provides suitable signalling for these purposes.

It is designed for continuous operation and available for different operating voltages.

The dSLB20 is activated by connecting the power supply. The sturdy housing of ingress protection IP 66/67 is suitable for both indoor and outdoor applications.

The Ex II strobe light has a small flameproof aluminium housing containing the electronics. The cap is made of hardened borosilicate glass.

The terminal compartment is of protection type "increased safety".

A signalling combination can be established using the provided stainless steel mounting plate with integrated junction box.



EU-Type Examination Certificate

ITEM REFERENCES



Designation:	Voltage:	Operating range:	Flash energy:	Current consumption:	Item No.:
dSLB 20 15 24 TRANSPARENT	24 VDC	21-53 VDC	15 J	1 A	2A0101A
dSLB 20 15 24 RED	24 VDC	21-53 VDC	15 J	1 A	2A0101B
dSLB 20 15 24 AMBER	24 VDC	21-53 VDC	15 J	1 A	2A0101C
dSLB 20 15 24 GREEN	24 VDC	21-53 VDC	15 J	1 A	2A0101D
dSLB 20 15 24 BLUE	24 VDC	21-53 VDC	15 J	1 A	2A0101E
dSLB 20 15 230 TRANSPARENT	230 VAC	207-253 VAC	15 J	200 mA	2A0103A
dSLB 20 15 230 RED	230 VAC	207-253 VAC	15 J	200 mA	2A0103B
dSLB 20 15 230 AMBER	230 VAC	207-253 VAC	15 J	200 mA	2A0103C
dSLB 20 15 230 GREEN	230 VAC	207-253 VAC	15 J	200 mA	2A0103D
dSLB 20 15 230 BLUE	230 VAC	207-253 VAC	15 J	200 mA	2A0103E
dSLB 20 5 12 TRANSPARENT	12 VDC	10-14 VDC	5 J	600 mA	2A0104A
dSLB 20 5 12 RED	12 VDC	10-14 VDC	5 J	600 mA	2A0104B
dSLB 20 5 12 AMBER	12 VDC	10-14 VDC	5 J	600 mA	2A0104C
dSLB 20 5 12 GREEN	12 VDC	10-14 VDC	5 J	600 mA	2A0104D
dSLB 20 5 12 BLUE	12 VDC	10-14 VDC	5 J	600 mA	2A0104E
dSLB 20 5 24 TRANSPARENT	24 VDC	21-53 VDC	5 J	280 mA	2A0105A
dSLB 20 5 24 RED	24 VDC	21-53 VDC	5 J	280 mA	2A0105B
dSLB 20 5 24 AMBER	24 VDC	21-53 VDC	5 J	280 mA	2A0105C
dSLB 20 5 24 GREEN	24 VDC	21-53 VDC	5 J	280 mA	2A0105D
dSLB 20 5 24 BLUE	24 VDC	21-53 VDC	5 J	280 mA	2A0105E
dSLB 20 5 230 TRANSPARENT	230 VAC	207-253 VAC	5 J	130 mA	2A0108A
dSLB 20 5 230 RED	230 VAC	207-253 VAC	5 J	130 mA	2A0108B
dSLB 20 5 230 AMBER	230 VAC	207-253 VAC	5 J	130 mA	2A0108C
dSLB 20 5 230 GREEN	230 VAC	207-253 VAC	5 J	130 mA	2A0108D
dSLB 20 5 230 BLUE	230 VAC	207-253 VAC	5 J	130 mA	2A0108E

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TECHNICAL SPECIFICATIONS

Marking:	 II 2G Ex d e IIC T5, T6 Gb  II 2D Ex tb IIIC T95°C, T80°C Db
Certificate:	EU-Type Examination Certificate
Operating conditions:	Indoor / Outdoor
Operating mode:	Continuous operation
Operating position:	Any
Housing:	Aluminium, surface varnished or powder-coated. Colour: Yellow / Blue
Cap:	Borosilicate glass dome with stainless steel protection cage
Cap colour:	Red, amber, green and blue
Lamp:	Xenon
Flash energy:	5 J / 15 J
Flash frequency:	Approx. 60/min (1 Hz)
Average life cycle	Approx. 5x10 ⁵ flashes
Weight:	Approx. 2 kg
Operating temperature:	-55°C to +40°C (T6) -55°C to +55°C (T5)
Ingress protection:	IP66/67
Connection terminals:	Terminal capacity: 2,5 mm ² single-wire 1,5 mm ² fine-wire Protective earth – Screw connection with wire protection clamp in connection enclosure max. 2.5 mm ² Equipotential – Screw connection with wire bonding conductor protection clamp outside, cross section max. 4 mm
Cable entries:	1xM20x1,5 plastic cable gland 1xM20x1,5 plug

