PRODUCT DATASHEET
SIG 1238

Low-voltage over-pressure lamps for 10 V systems, road traffic | Low-voltage over-pressure lamps for 10 V systems, road traffic



Areas of application

- Road traffic signalling systems

Product benefits

- Much higher luminous efficacy than high-voltage signal lamps
- Clearly improved lamp quality due to higher gas pressure and inert gas filling
- Leads to reduced power consumption of the signal installation
- High resistance against shock and vibration compared to high-voltage lamps
- Max. premature failure rate: 2 % up to 4,400 h (related to lamp failures only)
- Retrofit for 230 V systems (replace lamp and reflector and install transformator)

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TECHNICAL DATA

Electrical data

Nominal wattage	30 W
Construction wattage	30.00 W
Nominal voltage	10 V

Photometrical data

Luminous flux	400 lm
Luminous efficacy	13 lm/W
Color rendering index Ra	100
Light color	10

Light technical data

Starting time	0 s

Dimensions & Weight

Overall length	67.00 mm
Light center length (LCL)	31,0 mm [1)]
Diameter	36,0 mm
Product weight	18.1 g

1) Distance from the coil to the lug of base

Lifespan

Nominal lamp life time	11000 h

Additional product data

Base (standard designation)	BA20s
Mercury-free	Yes
Design / version	Bulb

Capabilities

Burning position	s135

Country-specific categorizations

Order reference	1238

Energy labellling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	BA20s
Length	67.00 mm
Height	36,0 mm

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Width	36,0 mm

Safety advice

- Use only in signal equipment/luminaires that are specially designed for the purpose. Protect the lamps against moisture during operation and installation.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321904003	Unpacked 1	64 mm x 22 mm x 24 mm	25.00 g	0.03 dm^3
4050300253091	Shipping box 200	371 mm x 323 mm x 200 mm	4380.00 g	23.97 dm^3

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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