

## PRODUCT DATASHEET

### SIG 1820

Low-voltage over-pressure dual-coil lamps, railway | Low-voltage over-pressure dual-coil lamps, railway



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#### Areas of application

- Railway traffic signalling systems

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#### Product benefits

- Second filament takes over when the main filament fails
- Various wattages matched to specific needs of the relevant optical systems

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#### Product features

- Dual-coil lamps for higher operation safety of the signalling system

## TECHNICAL DATA

### Electrical data

|                      |         |
|----------------------|---------|
| Nominal wattage      | 20/20 W |
| Construction wattage | 20.00 W |
| Nominal voltage      | 12 V    |

### Photometrical data

|                   |         |
|-------------------|---------|
| Luminous flux     | 350 lm  |
| Luminous efficacy | 17 lm/W |

### Light technical data

|               |     |
|---------------|-----|
| Starting time | 0 s |
|---------------|-----|

### Dimensions & Weight

|                           |                       |
|---------------------------|-----------------------|
| Overall length            | 67.00 mm              |
| Light center length (LCL) | 29,6 mm <sup>1)</sup> |
| Diameter                  | 36,0 mm               |
| Product weight            | 18.79 g               |

<sup>1)</sup> Distance from the coil to the lug of base

### Lifespan

|                           |       |
|---------------------------|-------|
| Lifespan L70/B50 at 25 °C | 600 h |
|---------------------------|-------|

### Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | BA20d  |
| Mercury content             | 0.0 mg |
| Mercury-free                | Yes    |
| Design / version            | Bulb   |

### Capabilities

|                  |      |
|------------------|------|
| Burning position | hs30 |
|------------------|------|

### Country-specific categorizations

|                 |      |
|-----------------|------|
| Order reference | 1820 |
|-----------------|------|

### Energy labelling regulation data acc EU 2019/2015

|                                                     |          |
|-----------------------------------------------------|----------|
| Light source cap-type (or other electric interface) | BA20d    |
| Length                                              | 67.00 mm |
| Height                                              | 36,0 mm  |
| Width                                               | 36,0 mm  |

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### Safety advice

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

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4050300832234 | Unpacked<br>1                |                                      | 18.79 g      |                       |
| 4050300221007 | Folding box<br>10            | 193 mm x 78 mm x 76 mm               | 219.88 g     | 1.14 dm <sup>3</sup>  |
| 4099854217616 | Shipping box<br>200          | 410 mm x 400 mm x 179 mm             | 4757.60 g    | 29.36 dm <sup>3</sup> |

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.

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