



**Plant Products**

Connecting Business



Signal lamp SIL



**Control Stations**



Signal lamp

Technical data

		Ex-signal lamp SIL
Marking accd. to 2014/34/EU		⊕ II 2 G Ex d e IIC/IIB Gb / ⊕ II 2 G Ex d ia IIC/IIB Gb
EC-Type Examination Certificate		IBExU 12 ATEX 1047 U
IECEX Certificate of Conformity		IECEX IBE 13.0031U
Marking accd. to IECEx		Ex de IIC/IIB Gb Ex d ia IIC/IIB Gb
Operating temperature range		-45 °C up to +68 °C (IIC) -60 °C up to +68 °C (IIB)
Application temperature <sup>1)</sup>		-45 °C up to +60 °C (IIC) -60 °C up to +60 °C (IIB)
Rated voltage (Ex ed IIC) (Ex d ia IIC) (Ex ed IIC)		20 V up to 254 V AC/DC 10 V up to 30 V DC 12 V up to 24 V AC/DC
Rated current	20 V to 254 V 10 V up to 30 V (Ex d ia IIC) 12 V up to 24 V	approx. 4 - 15 mA max. 25 mA max. 24 mA
Max. values for Ex ia		U <sub>i</sub> = 30 V DC, I <sub>i</sub> = 100 mA, P <sub>i</sub> = 750 mW
Connecting terminals		2 x 2.5 mm <sup>2</sup>
Degree of protection accd. to EN 60529		IP66
Dimensions (L x W x H)		approx. 59 x 31 x 45 mm
Weight		0.15 kg
Type of mounting		DIN rail mounting
Enclosure colour		grey

<sup>1)</sup> The limits of the operating temperature range and the max. permissible temperature rise of the components have to be taken into account. See also pages 2.4.34/35.

Ordering code for component (Code 2) - code A - C - D

Code	Component	Code
A	Signal lamp	SIL
Code	Colour of the lens	Code
C	white	1
	yellow	2
	red	3
	blue	4
	green	5
Code	Voltage	Code
D	20 V - 254 V AC/DC	10
	10 V - 30 V DC (Ex-i)1)	34
	12 V - 24 V AC/DC	11

<sup>1)</sup> Supply by valve-driver components, e. gl., with data: U<sub>o</sub> = 20 V - 18 V DC with R<sub>i</sub> = 200 Ω - 500 Ω or U<sub>o</sub> = 10 V - 18 V DC with R<sub>i</sub> = 100 Ω - 200 Ω  
No effective C<sub>i</sub> and L<sub>i</sub> values.

Example for ordering code (Code 2)

Content	Ordering code		
	A	C	D
Signal lamp SIL (examples)			
Universal voltage 20 V - 250 V AC/DC white	SIL	1	10
For intrinsically safe circuits 18 V up to 30 V DC blue	SIL	4	34
Low voltage 12 V up to 24 V AC/DC red	SIL	3	11

**Contact**

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