Technical Data UV Flame Sensor KLC1000 / KLC10

Fig. 1 KLC1000

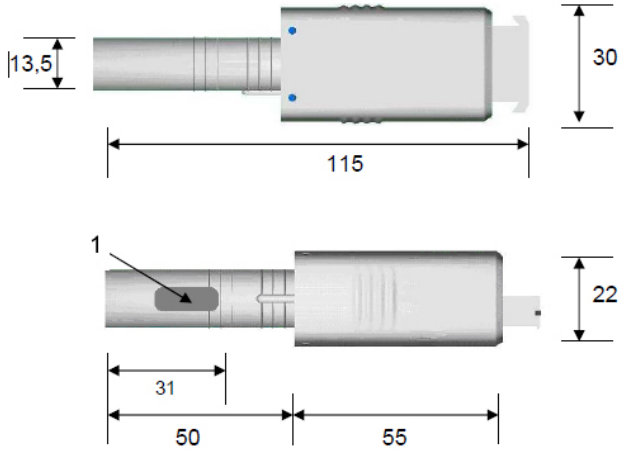

Fig. 2 Dimensions KLC1000 (1 = radial scanning opening)

Input Data	
Power supply	KLC10: 120 VAC -15/+10 % 50-60 Hz KLC1000: 230/240 VAC -15/+10 % 50-60 Hz
Current consumption	5,5 mA

Optical Evaluation	
Spectral range	185 - 260 nm
Tolerable flame signal dips	200 ms
Alignment to the flame	left

Dimensions	
Weight	0,028 kg | 1 oz
Connecting cable length max.	3 m | 9.8 ft

Environmental Conditions		
Operation	temperature range	-20 ... +60 °C | -4 ... 140 °F (temperatures >50 °C | 122 °F will reduce life cycle of the device)
	Humidity	max. 95 % r. h. (condensation is prohibited)
Degree of protection	DIN EN 60529	IP41
Electrical safety	protection class	II
	protecting against contact	DIN EN 60730-2-5

NOTICE

The limits of the technical data must be strictly adhered to.

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Order Information

Description / Type	Order no.
KLC1000, UV flame sensor, radial illumination, IP41, 230 V	667R0800-1
KLC10, UV flame sensor, radial illumination, IP41, 120 V	667R0800-2
Mounting flange for KLC, 7 mm (0.276" in)	667R0812-1
Connecting cable for KLC, length 1.000 mm (39.37" in)	667R0813-1000
Connecting cable for KLC, length 2.000 mm (78.74" in)	667R0813-2000

Approvals

only KLC10

The information in this publication is subject to technical changes.

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