

Associated Documentation

The corresponding datasheets, manuals, instruction manuals, declarations of conformity, EU type examination certificates, certificates, and control drawings if applicable are an integral part of this document. You can find this information under www.pepperl-fuchs.com.

This document does not substitute the instruction manual.

For full information on the product, refer to the instruction manual and further documentation on the Internet at www.pepperl-fuchs.com.

This document is an integral part of the following documents:

- Manual: DOCT-5517
- Brief instructions: DOCT-5519
- Instruction manual: DOCT-5522

For specific device information such as the year of construction, scan the QR code on the device. As an alternative, enter the serial number in the serial number search at www.pepperl-fuchs.com.

Supplementary Documentation

Information for explosion protection: The information can be found on the Internet at www.pepperl-fuchs.com.

Manufacturer's Certificates

EU Declaration of Conformity

Declaration number: DOC-3842

EU Type-Examination Certificate

Certificate number: DEKRA 17 ATEX 0101

List of applied standards: see EU Declaration of Conformity

IEC Declaration of Conformity

Certificate number: IECEx DEK 17.0045

List of applied standards: see IECEx certificate

Note

Further information is available on the product detail page of the devices on the internet at www.pepperl-fuchs.com.

Enter the order designation in the search field
 → Select the appropriate product → Open the product detail page → Open the **Approvals+Certificates** tab.

Manufacturer Address

Pepperl+Fuchs Group
 Lilienthalstraße 200, 68307 Mannheim, Germany
 Internet: www.pepperl-fuchs.com

Device Versions

Device type	Basic specifications	Optional specifications
LGC2	-XXXXXXXXXXXXXXXXXX	-

The X-marked letters of the type code are placeholders for versions of the device.

The following specifications reproduce an extract from the product structure and are used to assign.

Basic specifications

Option	Probe tube
P	Ø29 mm, PPS/Polyolefin, application salt-water
R	Ø42 mm, 1.4435/316L, flush mount
S	Ø22 mm, 1.4435/316L

Option	Approval
EX	ATEX II 2G Ex ia IIC T6...T4 Gb
IC	IEC Ex ia IIC T6...T4 Gb

Optional specifications

No options specific to hazardous locations are available.

Temperature Tables

Ambient temperature range	Temperature class	Max. ambient temperature
$-10\text{ °C} \leq T_{\text{amb}} \leq +70\text{ °C}$	T4	+70 °C
	T5	+55 °C
	T6	+40 °C

Table 1

Terminal box

Ambient temperature range	Temperature class
$-40\text{ °C} \leq T_{\text{amb}} \leq +80\text{ °C}$	T6

Table 2

Connection Data

Electrical data
$U_i \leq 30\text{ V DC}$ $I_i \leq 133\text{ mA}$ $P_i \leq 1\text{ W}$ Sensor: $C_i \leq 10.3\text{ nF}$, $L_i = 0$ Cable: $C_i \leq 180\text{ pF/m}$, $L_i \leq 1\text{ µH/m}$

Table 3