

### 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](http://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](http://www.pepperl-fuchs.com).

This document is an integral part of the following documents:

- Manual: DOCT-5517
- Brief instructions: DOCT-5519
- Instruction manual: DOCT-5524

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](http://www.pepperl-fuchs.com).

### Supplementary Documentation

Information for explosion protection: The information can be found on the Internet at [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).

### Manufacturer's Certificates

#### EU Declaration of Conformity

Declaration number: DOC-3842

#### EU Type-Examination Certificate

Certificate number: PF 17 CERT 1658 X

List of applied standards: see EU Declaration of Conformity

#### Note

Further information is available on the product detail page of the devices on the internet at [www.pepperl-fuchs.com](http://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](http://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
E3	ATEX II 3G Ex nA IIC T6...T5 Gc

#### Optional specifications

No options specific to hazardous locations are available.

### Temperature Tables

Ambient temperature range	Degree of protection
$-10\text{ °C} \leq T_{\text{amb}} \leq +70\text{ °C}$	IP68

Table 1

Max. ambient temperature	Temperature class
+70 °C	T5
+60 °C	T6

Table 2

Maximum tensile load at the sensor	Cable material
$\leq 100\text{ N}$	PUR, PE, FEP

Table 3

### Connection Data

Electrical data
$U \leq 30\text{ V DC}$

Table 4