

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:

- Brief instructions: DOCT-0500, DOCT-0501
- Instruction manual: DOCT-0521

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-2087

EU Type-Examination Certificate

Certificate number: TÜV 03 ATEX 2295 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.

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
LKL-P	X-XXXX- XXXXX-XX	+XX

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	Electrical output
N1	FEW58, NAMUR
NA	Separate instrumentation (without electronic insert)

Option	Approval
EB	ATEX II 2G Ex ia IIC T5 Gb ¹ ATEX II 2G Ex ia [ia] IIC T6 Gb ²

¹ Only in connection with feature **Electrical output**, option **NA**

² Only in connection with feature **Electrical output**, option **N1**

Optional specifications

No options specific to hazardous locations are available.

Temperature Tables

Basic specification, feature Electrical output, option N1

Temperature	Process temperature T _p (process)	Ambient temperature T _{amb} (ambient)
T6	≤ 85 °C	-40 °C ≤ T _{amb} ≤ +60 °C

Table 1

Basic specification, feature Electrical output, option NA

Temperature	Process temperature T _p (process)	Ambient temperature T _{amb} (ambient)
T5	≤ 95 °C	-40 °C ≤ T _{amb} ≤ +95 °C

Table 2

Connection Data

Basic specification, feature Electrical output, option N1

Interface	Electrical data
NAMUR input	U _i = 16 V DC I _i = 52 mA P _i = 242 mW L _i = negligible C _i = negligible
Sensor-probe output	U _o = 7.2 V DC I _o = 1.6 mA P _o = 3 mW L _o = 1 H C _o = 11.8 μF

Table 3