

Safety Instructions

Memocheck CYP02E

Service tool for fast checking of measuring systems

KOR Ex ia IIC T6 Gb



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Associated documentation

An overview of the scope of the associated technical documentation is provided by the Device Viewer.

1. www.endress.com
2. Enter the serial number from the nameplate into the search field (magnifying glass).



This document is an integral part of Operating Instructions BA02017C.

Supplementary documentation



- Competence Brochure CP00021Z
- Explosion Protection: Guidelines and General Principles
 - www.endress.com

Certificates and declarations

The certificates and declarations of conformity are available from:
www.endress.com/download
 Korean Certification of Compliance
 21-KA4BO-0622X

Identification

The nameplate provides you with the following information on your device:

- Manufacturer identification
- Order code
- Extended order code
- Serial number
- Safety information and warnings
- Ex marking on hazardous area versions

► Compare the information on the nameplate with the order.

Type code

Type	Version			
CYPO2E-	KD	*	**	A1
	KOR Ex ia IIC T6 Gb	No Ex relevance		

Ex approval

Ex ia IIC T6 Gb

Approved Body

KTL - Korea Testing Laboratory

Safety Instructions

The Memocheck CYP02E is suitable for use in explosion-hazardous areas according to:

- Korean Certification of Compliance 21-KA4BO-0622X
- The sensor simulator must not be operated under electrostatically critical process conditions. Avoid strong steam or dust currents that act directly on the connection system.
- Ex-protected digital sensor simulators with Memosens technology are identified by an orange-red ring on the terminal head.
- When using devices and sensors, observe the regulations for electrical systems in hazardous areas (EN 60079-14).
- The procedures for electrical connection described in the Operating Instructions must be followed.
- Memocheck CYP02E is not suitable for use directly in the process.
- This device was developed and manufactured in accordance with the following standards:
 - IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
 - IEC 60079-11:2011 + Cor.:2012 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

Temperature tables

Sensor	Temperature class	Process temperature T_p	Ambient temperature T_a
CYP02E	T6	Memocheck CYP02E is not suitable for use directly in the process	$-15\text{ °C} \leq T_a \leq +70\text{ °C}$

Connection data

Ex specification

The approved CYP02E-type Memocheck sensor simulators have an intrinsically safe input with the following parameter set:

Parameter	Value
P_1	180 mW

The approved CYP02E-type Memocheck sensor simulators must be connected to a Memosens measuring cable with an intrinsically safe output with the following parameter set:

Parameter	Value
P_o	Maximum 180 mW



71610949

www.addresses.endress.com
