

# Digital measuring cable CYK20

## Memosens laboratory cable for all sensors with a Memosens plug-in head



### Benefits:

- Specially designed for lab use: flexible, easy to handle, fast connection of sensors of various parameters.
- Maximum process safety via non-contact, inductive and digital signal transmission: no contact corrosion, absolutely watertight, no interference potential.
- Approved for hazardous area use.

**Field of application:** CYK20 is a flexible data cable allowing reliable connection of your Memosens sensors to the Memobase Plus sensor software and the Liquiline To Go handheld. It guarantees absolute waterproof connection and provides an easy to use inductive coupling with no contact corrosion. Benefit from completely safe and reliable signal transmission without contact corrosion or interference potentials.

More information and current pricing:

[www.cz.endress.com/CYK20](http://www.cz.endress.com/CYK20)

## Features and specifications

pH

### Measuring principle

Potentiometric

### Application

Laboratory Measuring cable for contactless, inductive, digital transmission of measurement signals

### Installation

Inductive plug-head for digital sensors with Memosens technology and M8 or M12 plug to connect to the transmitter.

pH

**Characteristic**

Inductive, digital transmission of measurement signals and energy.  
Not influenced by moisture, EMC-field and corrosion.

**Design**

Easy to handle Bajonett coupling to connect digital sensors with Memosens technology and plug-head.  
No open contacts, resistant against humidity.

**Material**

PEEK / TPE

**Dimension**

Diameter: 4.5 mm ( 0.18" )  
Cores: 2x2 cores, twisted paires  
Length: 1.5 m +3 m (4.9 ft+ 9.8 ft )

**Ex certification**

IECEX EX ia II C T6 Ga  
ATEX EX II 1G Ex ia II C T6 Ga

**Ingres protection**

IP 65

Conductivity

**Measuring principle**

Conductive

**Application**

Laboratory measuring cable for contactless, inductive, digital transmission of measurement signals

**Installation**

Inductive plug-head for digital sensors with Memosens technology and M8 or M12 plug to connect to the transmitter.

## Conductivity

### Characteristic

Inductive, digital transmission of measurement signals and energy.  
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### Ingres protection

IP65

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## Oxygen

### Measuring principle

Amperometric oxygen measurement

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### Application

Laboratory measuring cable for contactless, inductive, digital transmission of measurement signals

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### Installation

Inductive plug-head for digital sensors with Memosens technology and M8 or M12 plug to connect to the transmitter.

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### Characteristic

Inductive, digital transmission of measurement signals and energy.  
Not influenced by moisture, EMC-field and corrosion.

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## Oxygen

### Design

Easy to handle Bajonett coupling to connect digital sensors with Memosens technology and plug-head.  
No open contacts, resistant against humidity.

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### Dimension

Diameter: 4.5 mm ( 0.18" )  
Cores: 2x2 cores, twisted paires  
Length: 1.5 m +3 m (4.9 ft+ 9.8 ft )

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### Ex certification

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### Connection

IP65

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