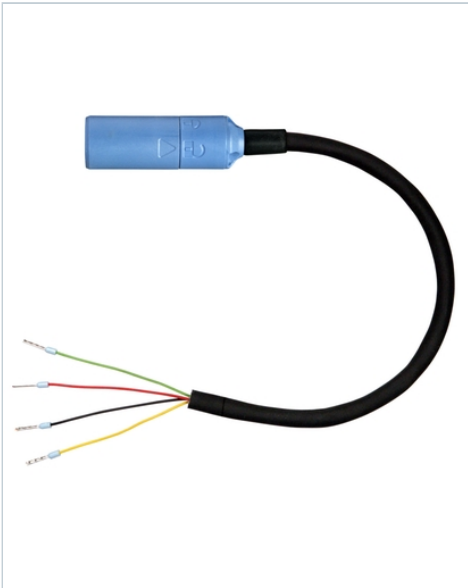


## Digitale meetkabel CYK10

### Memosens-datakabel voor alle sensoren met Memosens-insteekkop



#### Voordelen:

- Optimale procesveiligheid dankzij contactloze, inductieve en digitale signaaloverdracht: geen contactcorrosie, absoluut waterdicht, geen interferentie.
- Verbeterde beschikbaarheid van het meetpunt: digitale gegevensoverdracht geeft een automatische foutmelding als het signaal wegvalt.
- Meer flexibiliteit bij het plannen en installeren van een installatie: een kabellengte tot 100 m is mogelijk.
- Goedgekeurd voor gebruik in gevaarlijke omgevingen.

Meer informatie en actuele prijzen:

[www.be.endress.com/CYK10](http://www.be.endress.com/CYK10)

**Toepassingsgebied:** De CYK10 waarborgt een absoluut waterdichte aansluiting van Memosens-sensoren op de transmitter. De inductieve koppeling vertoont geen contactcorrosie en waarborgt galvanische isolatie van transmitter en medium. Vergeet beperkte kabellengte, stoorspanningen of vocht en profiteer van een volledig veilige en betrouwbare signaaloverdracht.

#### Kenmerken en specificaties

Disinfection

Meetprincipe

Free chlorine

## Disinfection

### **Application**

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

---

### **Characteristic**

Inductive, digital transmission of measurement signals and energy  
Not influenced by moisture, EMC-fields 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**

Cable sheath: TPE  
Junction box: aluminum

---

### **Dimension**

Diameter: 6.3 mm (0.25 inch)  
Cores: 2x2 cores, twisted pairs  
Length: up to approx. 100 m (328 ft)

---

### **Process temperature**

-25 to 135 °C (-13 to 277 °F)

---

### **Temperature sensor**

For digital sensors with inductive plug-head with and without temperature sensor

---

### **Additional certifications**

Also available as TÜV approved SIL version

---

## ORP / Redox

### **Meetprincipe**

Sensor ORP / Redox

---

## ORP / Redox

**Application**

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

---

**Installation**

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

---

**Characteristic**

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

Cable sheath: TPE  
Junction box: aluminum

---

**Dimension**

Diameter: 6.3 mm (0.25 inch)  
Cores: 2x2 cores, twisted pairs  
Length: up to approx. 100 m (328 ft)

---

**Process temperature**

-25 to 135 °C (-13 to 277 °F)

---

**Temperature sensor**

For digital sensors with inductive plug-head with and without temperature sensor

---

**Ex certification**

ATEX II 1G Ex ia IIC T3/T4/T6  
FM, CSA IS Cl.1 Div 1 Gr. A-D  
ATEX, NEPSI II 3G Ex nL IIC  
TIIS

---

---

**ORP / Redox****Additional certifications**

Also available as TÜV approved SIL version

---

**Oxygen****Meetprincipe**

Amperometric oxygen measurement

---

**Application**

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

---

**Installation**

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

---

**Characteristic**

Inductive, digital transmission of measurement signals and energy  
Not influenced by moisture, EMC-fields 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**

Cable sheath: TPE  
Junction box: aluminum

---

**Dimension**

Diameter: 6.3 mm (0.25 inch)  
Cores: 2x2 cores, twisted pairs  
Length: up to approx. 100 m (328 ft)

---

**Process temperature**

-25 ... 135 °C (-13 ... 277 °F)

---

---

## Oxygen

### Temperature sensor

For digital sensors with inductive plug-head with and without temperature sensor

---

### Ex certification

ATEX II 1G Ex ia IIC T3/T4/T6  
FM, CSA IS Cl.1 Div 1 Gr. A-D  
ATEX, NEPSI II 3G Ex nL IIC  
TIIS

---

### Additional certifications

Also available as TÜV approved SIL version

---

## pH

### Meetprincipe

Potentiometric

---

### Application

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

---

### Installation

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

---

### Characteristic

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

---

### Measurement range

High impedance cable not necessary

---

### Design

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

---

pH

**Material**

Cable sheath: TPE  
 Junction box: aluminum

**Dimension**

Diameter: 6.3 mm (0.25 inch)  
 Cores: 2x2 cores, twisted pairs  
 Length: up to approx. 100 m (328 ft)

**Process temperature**

-25 to 135 °C (-13 to 277 °F)

**Process pressure**

max. 50 bar/725 psi at 135°C/275°F.

**Temperature sensor**

For digital sensors with inductive plug-head with and without temperature sensor

**Ex certification**

ATEX II 1G Ex ia IIC T3/T4/T6  
 FM, CSA IS Cl.1 Div 1 Gr. A-D  
 ATEX, NEPSI II 3G Ex nL IIC  
 TIIS

**Ingres protection**

IP68

**Additional certifications**

Also available as TÜV approved SIL version

Conductivity

**Meetprincipe**

Potentiometric

**Application**

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

## Conductivity

### Installation

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

---

### Characteristic

Inductive, digital transmission of measurement signals and energy  
Not influenced by moisture, EMC-fields 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

Cable sheath: TPE  
Junction box: aluminum

---

### Dimension

Diameter: 6.3 mm (0.25 inch)  
Cores: 2x2 cores, twisted pairs  
Length: up to approx. 100 m (328 ft)

---

### Process temperature

-25 to 135 °C (-13 to 277 °F)

---

### Temperature sensor

For digital sensors with inductive plug-head with and without temperature sensor

---

### Ex certification

ATEX II 1G Ex ia IIC T3/T4/T6  
FM, CSA IS Cl.1 Div 1 Gr. A-D  
ATEX, NEPSI II 3G Ex nL IIC  
TIIS

---

### Additional certifications

Also available as TÜV approved SIL version

---

Meer informatie [www.be.endress.com/CYK10](http://www.be.endress.com/CYK10)