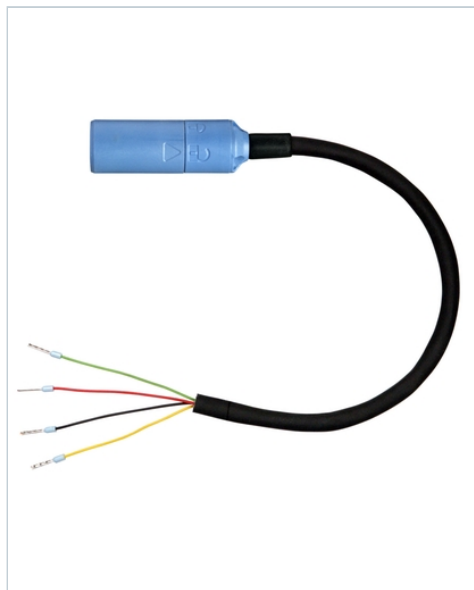


Digitale meetkabel CYK10

Memosens-datakabel voor alle sensoren met Memosens-insteekkop



Meer informatie en actuele prijzen:

www.nl.endress.com/CYK10

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.

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

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

pH

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

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

pH

Ingress protection

IP68

Additional certifications

Also available as TÜV approved SIL version

ORP / Redox

Meetprincipe

Sensor 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

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-25 to 135 °C (-13 to 277 °F)

ORP / Redox**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

Conductivity**Meetprincipe**

Conductive

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

Conductivity

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

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

Oxygen

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)

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

Disinfection

Meetprincipe

Free chlorine

Application

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

Disinfection

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

Meer informatie www.nl.endress.com/CYK10