

Mycom S CPM153



More information and current pricing:

www.si.endress.com/CPM153

Benefits:

- High operational safety: Continuous process check system, logbook functions and data log, proven Memosens interface for reliable sensor connection.
- Reliable self-monitoring: Sensor check system for pH glass and reference, calibration plausibility check, redundancy and differential measurement.
- Easy to operate and service: Intuitive user interface, hot plug & play with pre-calibrated Memosens sensors, automatic buffer recognition.
- Reduced maintenance: Automatic cleaning function (with Chemoclean) triggered by alarm or limit switch.
- Fit for every application: Numerous extensions, such as P(ID) controller, timer, etc., allow for flexible adaption to all processes.
- Reliable control: Current and resistance input for feedforward control.

Specs at a glance

- **Input** Two-channel transmitter
- **Output / communication** 0/4-20mA; Hart, Profibus.
- **Ingres protection** IP65

Field of application: Mycom CPM153 is an advanced pH/ORP transmitter for all analog and digital Memosens sensors. It improves your operational safety thanks to continuous plausibility, process and sensor checks. Select from numerous hardware and software modules, such as relays or fieldbus communication, to adapt it exactly to your measuring task. This modularity also allows you to upgrade the transmitter at any time. A simple menu and two-point calibration make configuration and operation fast and easy.

Features and specifications

pH

Measuring principle

Potentiometric

Application

All branches

Characteristic

Four-wire transmitter with data-transfer-module (DAT) for simple parametrisation and data backup.

Design

pH/ORP field transmitter with PC/ABS housing.

Material

Plastic aluminium housing

Dimension

247x167x111 mm
(9.63x6.51x4.32 inch)

Temperature sensor

Display and current output

Ex certification

Atex, FM, CSA

Ingres protection

IP65

Input

Two-channel transmitter

Output / communication

0/4-20 mA, Hart, Profibus

Additional certifications

FM, CSA

ORP / Redox

Measuring principle

Sensor ORP / Redox

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