Simple, efficient, essential

Easy and flexible submersible assembly for Memosens sensors in water and wastewater and industrial utilities

- Dipfit CYA10
- Benefits at a glance
- Industry focus
- Technical data

Endress+Hauser

Dipfit CYA10

The Dipfit CYA10 is a flexible submersible assembly for sensor immersion in auxiliary industrial processes, water and wastewater applications even in hazardous areas with immersion depths up to 10 meters.

- Easy installation into groundwells, rivers and basins due to different installation possibilities
- Time-saving maintenance of the measuring point due to a flexible assembly body and easy access even at great immersion depths
- Simple integration of sensors into measuring points thanks to space-saving-design that enables easy installation
- Great flexibility in applications due to different installation possibilities

Visit the product website

Take a look at the product video

Submersion assembly Dipfit CYA10 with optional submersible weight

Benefits at a glance

Dipfit CYA10 combines flexibility with easy installation, helping you save both space and time in your operational workflows.

Time-saving
Time-saving maintenance of the measuring point and easy access due to a flexible assembly body

Easy
Easy installation into groundwells, rivers and basins due to different installation possibilities (fixed with flange connection or in combination with Flexdip CYH112)

Space-saving
Simple integration of PG13.5 Memosens sensors into measuring points due to the space-saving design for easy installation in channels, basins, sewers, or manholes

Suitable for Ex-areas
Easy and flexible installation even in hazardous areas up to 10 meters immersion depth

Flexible
Great flexibility for the implementation of measuring points in challenging applications as sewers, industrial storage basins, underground or closed treatment tanks thanks to its suitability for hazardous areas, multiple process connections, and selectable immersion depth

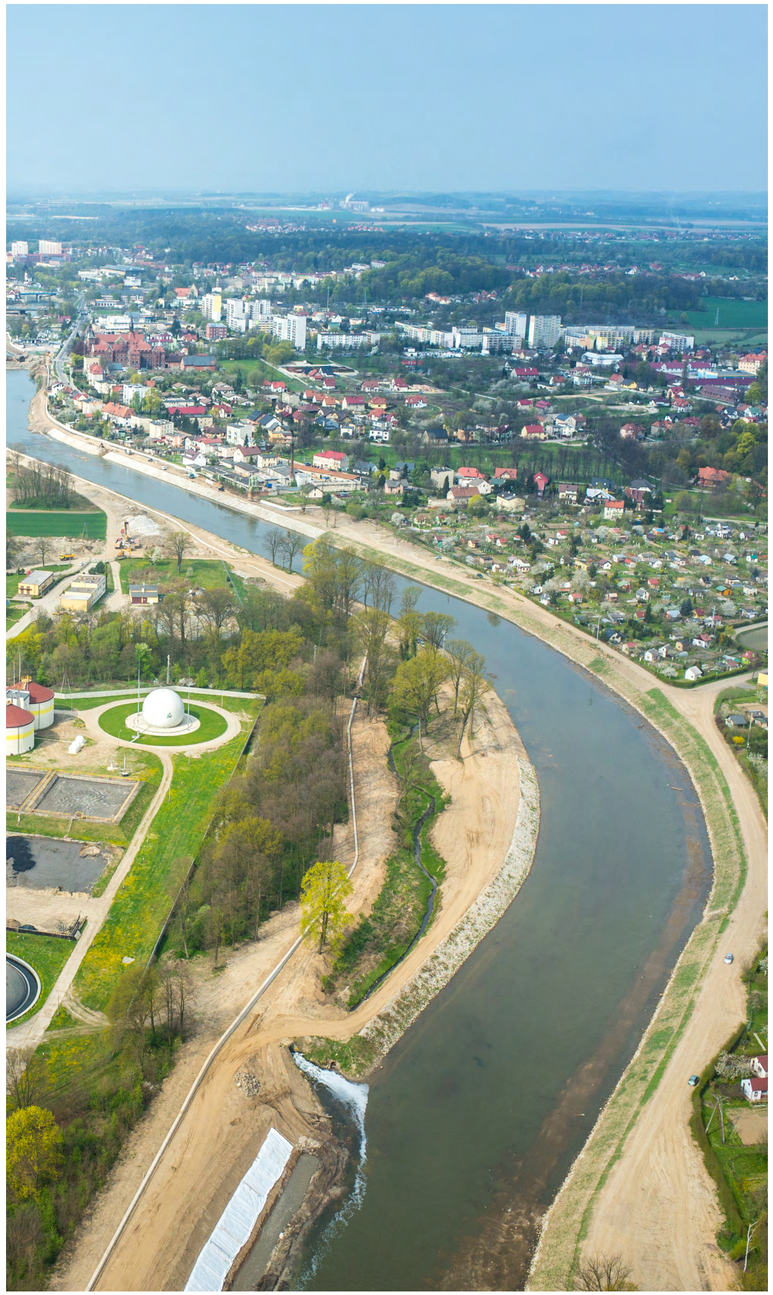
Industry focus

Today more than ever, the water and wastewater industry has to balance the opposing pressures of improving water safety and shrinking budgets. In addition, the mining minerals and metals industry calls for optimized efficiency without compromising on environmental, social, governance and safety goals - all while meeting the demand for essential minerals for the energy transition.

Thanks to its adaptable design, Dipfit CYA10 can be deployed across a wide range of industries. Its flexibility allows for reliable operation in water abstraction, storage tanks, sewers, closed tanks, and even in hazardous environments.

The main industries that take advantage of the Dipfit CYA10 are water and wastewater, mines, minerals and metals as well as auxiliary processes in industrial utilities. Main applications are water storage, ground water monitoring and tailings dam monitoring among others.

- Water and wastewater
- Mining, Minerals and Metals
- Industrial utilities



Technical data

Flexible in applications,
easy installation

Measuring point	A complete measuring system consists of: ▪ Dipfit CYA10 assembly ▪ Memosens data cable CYK10 ▪ Process connection, e.g. chain holder ▪ Transmitter, e.g. Liquiline CM44 ▪ Sensor, e.g. Memosens CPS11E
Design	Immersion assembly with flexible body (hose)
Protection	Shock and impact protection of the installed sensor and strain relief of the installed cable
Process pressure	Max. 4 bar (relative)
Connection	▪ Flange DN50 ▪ Flange 2″ ▪ Chain bracket ▪ Thread G1¼″
Option	Submersible weight (316L / 1.4404) Option for usage in hazardous areas

Dipfit CYA10

Submersible assembly with flexible body for sensor immersion in mining, minerals, metals and water and wastewater applications. It allows easy and flexible installation even in hazardous areas with up to 10 meters immersion depth. Furthermore,it provides shock and impact protection of the installed sensor and strain relief of the installed cable. The immersion assembly is compatible with all 12mm Memosens sensors with 120mm shaft length and without KCl supply.

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