

Immersion probe TURBISWITCH CP2

- Turbidity control on adjustable threshold
- PVC probe, IP 68
- Detection range: within 100 ... 30 000 FAU
- Immersion depth: Max. 10 m
- To connect to a TURBISWITCH GS4



TURBISWITCH CP2 Z0



TURBISWITCH CP2 ZR

APPLICATIONS

- Level detection of blanket sludge
- Phase separation detection
- Effluents monitoring
- Monitoring of turbidity limit of liquids

DESCRIPTION

A complete system includes a CP2 probe connected to a TURBISWITCH GS4 controller. It provides a contact as soon as the turbidity reaches the preset value.

The emitter sends the infra-red light beam through the liquid to the receiver. The signal variations due to the turbidity changes are analysed by the TURBISWITCH GS4 to detect an override threshold and then to actuate the relay output.

To avoid false alarms due to air bubbles or accidental excess of turbidity, delays are adjustable between 0.1 and 9.9 s on both increasing and decreasing turbidity.

TECHNICAL FEATURES

Construction	PVC
Protection	IP 68
Detection range	100 ... 30000 FAU
Immersion depth	Max.: 10 m
Liquid temperature	0... +60 °C
Cable	TPK Shielded cable, 2 x 0.5 mm ² , resistant to acid and base liquids, standard length 6 m (other on request)
Mounting	Cable suspended With PVC extension tube, standard length 1 m or 1.5 m (other on request, max. 2 m) With mounting clamp Ø40mm

EC Conformity: The instrument meets the legal requirements of the current European Directives

BAMO MESURES

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Immersion probe
TURBISWITCH CP2

03-12-2018

D-425.02-EN-AD

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CODE NUMBERS AND REFERENCES

Code	Reference	Description
425 011	TURBISWITCH CP2 Z0	CP2 100 ... 30000 FAU, cable length 6 m
425 021	TURBISWITCH CP2 ZK	CP2 100 ... 30000 FAU, cable length 6 m; With fastening angle bracket and cable gland
425 031	TURBISWITCH CP2 ZR1000	CP2 100 ... 30000 FAU, cable length 6 m; With extension tube 1000 mm long
425 041	TURBISWITCH CP2 ZR1500	CP2 100 ... 30000 FAU, cable length 6 m; With extension tube 1500 mm long

Special types on request:

Detection probe

Type

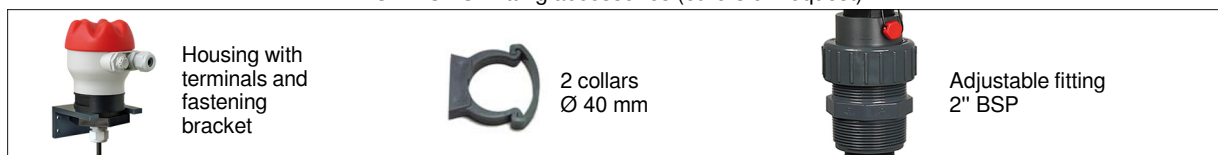
- Z0** Detection probe with 6 m long cable
- ZK** Detection probe with 6 m long cable
+ Fastening angle bracket and cable gland
- ZR** Detection probe with 6 m long cable
+ Extension tube (Standard length 1000 mm)

ZR version

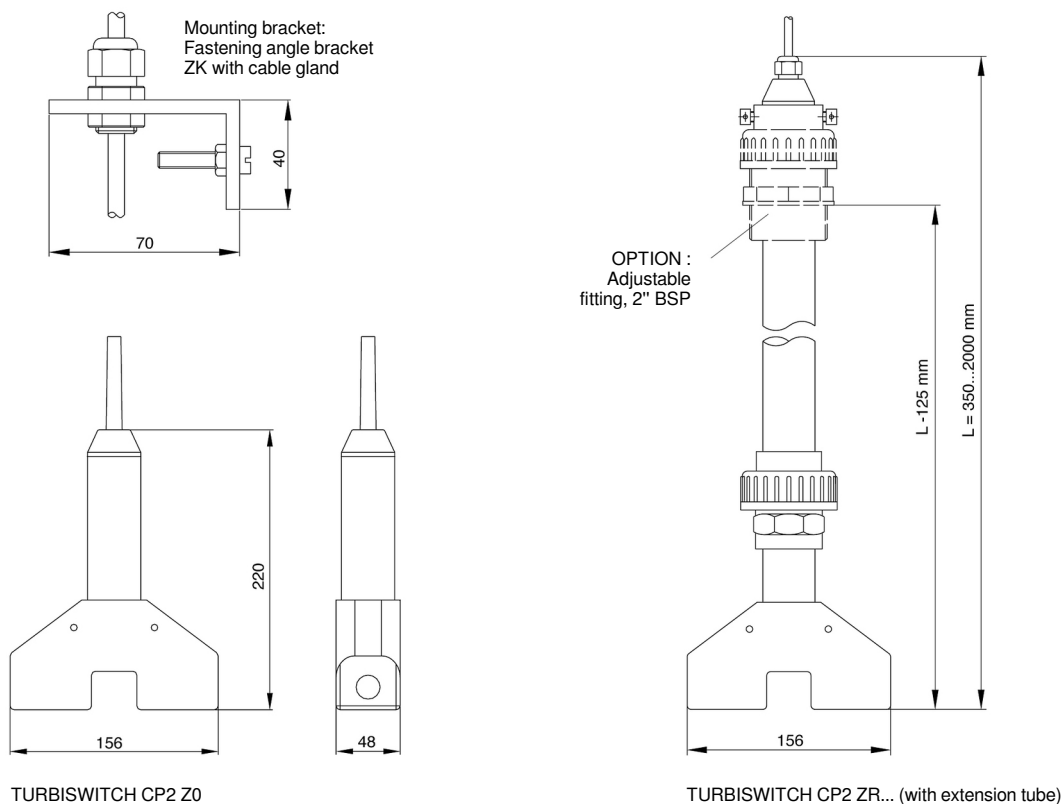
Length L (min. 350 mm; max. 2000 mm)

TURBISWITCH CP2 L mm

OPTIONS: Fitting accessories (others on request)



DIMENSIONS



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