

TURBIDITY LIMIT IMMERSION PROBE TURBISWITCH CP5



CP5 2 Z0



CP5 1 ZR...

- For open containers, channels, flumes, etc.
- Maximum immersion depth: 10 meters
- Sapphire windows
- For connection to the evaluation unit TURBISWITCH GS5
- Detection range 50...30000FAU

APPLICATIONS

- Phase separation
- Sludge level detection
- Treated water monitoring
- Turbidity limit monitoring

DESCRIPTION

Turbidity is caused by particles in a liquid. This TURBISWITCH CP5 immersion probe, designed for open containers or channels, measures the turbidity of the liquid.

For this purpose, a transmitted light measurement is used, in which the transmitter and receiver are opposite each other.

The attenuated light is measured by the TURBISWITCH GS5 which accurately detects when the turbidity value set by the user is exceeded.

The detectable turbidity ranges from approx. 50 to approx. 30000 FAU.

TECHNICAL FEATURES

Immersion depth	Max. 10m
Protection class probe body	IP68
Material	PVC or PP
Media temperature	0... +60 °C with PVC probe 0... +80 °C with PP probe
Cable	Shielded cable 3x0.34mm ² , standard length 6 meters (up to 100m : consult us) TPK (PVC on request)
Windows	Sapphire glass
Seals material	EPDM (Standard), FPM/FKM on request
Measuring range	About 50...30000FAU
Mounting	as suspension probe or with guide tube, standard length 1000mm or 1500mm (max. length 2000mm) for mounting clamp Ø40mm Connection head PBT plastic, protection class IP65 to EN 60 529 with G2' thread, lock nut and mounting bracket

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



Evaluation unit
TURBISWITCH GS5 (410-03),
available separately

BAMO INTERNATIONAL

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**TURBIDITY LIMIT
IMMERSION PROBE
TURBISWITCH CP5**

18-12-2024

D-425.03-EN-AK

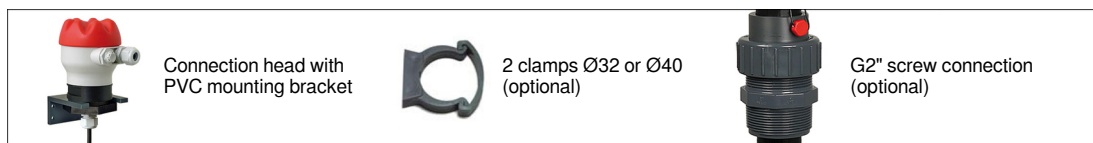
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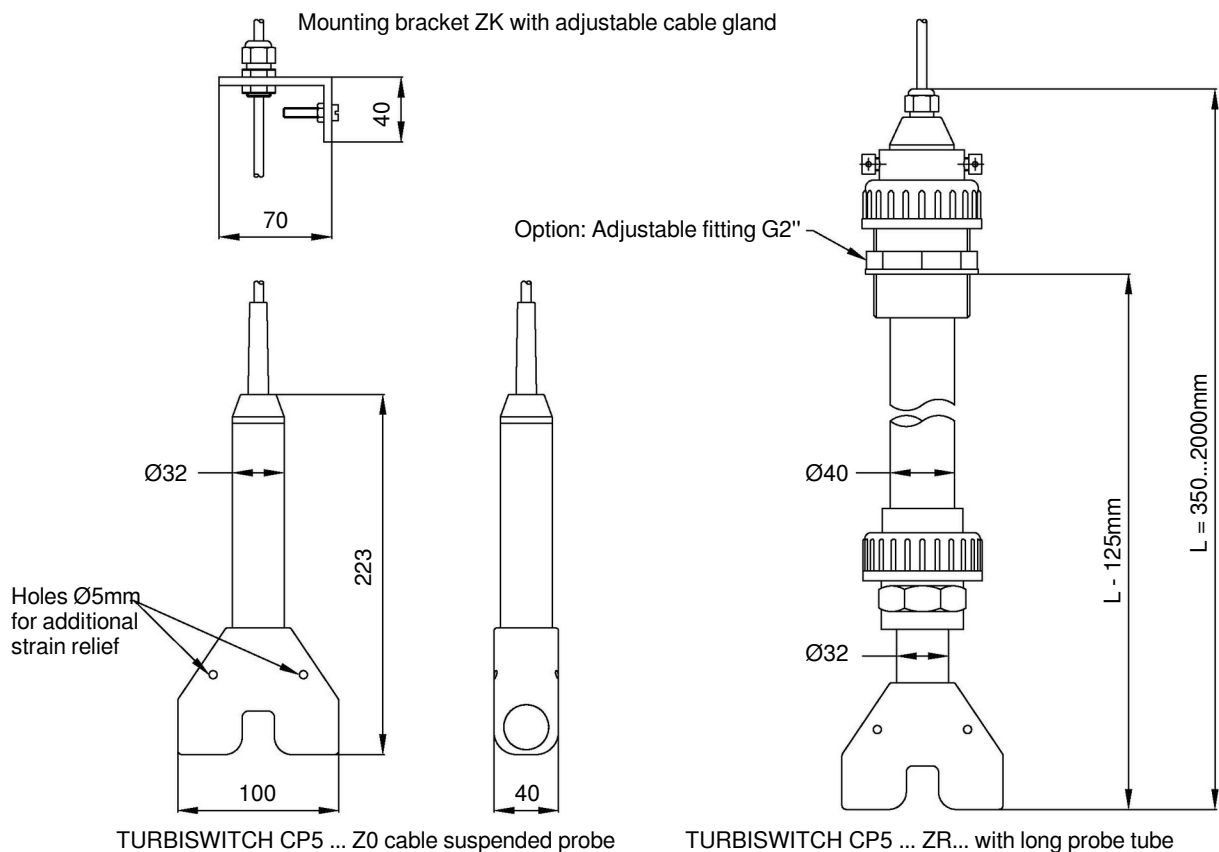
CODE NUMBERS AND REFERENCES

Code	Reference	Description
425 012	TURBISWITCH CP5 1 Z0	CP5 PVC, EPDM, 50...30000FAU, TPK cable (6m)
425 022	TURBISWITCH CP5 1 ZK	CP5 PVC, EPDM, 50...30000FAU, TPK cable (6m) + Mounting bracket with adjusting screw
425 032	TURBISWITCH CP5 1 ZR1000	CP5 PVC, EPDM, 50...30000FAU, guide tube 1000mm + TPK cable (6m)
425 042	TURBISWITCH CP5 1 ZR1500	CP5 PVC, EPDM, 50...30000FAU, guide tube 1500mm + TPK cable (6m)
425 013	TURBISWITCH CP5 2 Z0	CP5 PP, EPDM, 50...30000FAU, TPK cable (6m)
FPM sealing on request		
410 103	TURBISWITCH GS5 G	Evaluation unit TURBISWITCH GS5 100...240V AC, 50...60Hz
410 104	TURBISWITCH GS5 D	Evaluation unit TURBISWITCH GS5 10...30V DC oder 12...24V AC

Other materials on request



DIMENSIONS



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