

CABLE SUSPENDED RESISTIVE LEVEL PROBES HE / HS

- For electrically conductive liquids
- Detection height up to 25 m
- 2 types: for aggressive or neutral fluids

PRINCIPLE

Control and regulation of fluid levels in open tank by electrodes, for instance acid storage tanks, barrage, waste water treatment plant, etc.

The length of electrode cables is factory adjusted. The electrical resistance variation when the fluid touches the level electrode and the reference electrode, causes an ON/OFF signal through the relay ES 2001 (*documentation 530-01*).

Please consider that the longest electrode will serve as the system reference. A complete system with 5 electrodes will monitor a tank on 4 level detection points.

MOUNTING

The insulated cables could touch each other without causing unlike detection signal; then long cables are possible.

We can deliver the electrodes fixed on head housing to fit on site with a counter nut, or to use the fitting devices for the SS2 (*documentation 520-01*).

TECHNICAL FEATURES

Probe type	HE	HS
End probe	PE	PVC
Cable Ø 6.5 mm	PVC	PVC, PE coated
Electrode material	1.4571 (316 Ti)	Carbon-glass
Temperature limits	0...+ 60°C	
Pressure limit	0.5 bar	
Immersion depth	5 m CE as a maximum	
Head housing	PBT – IP 65	
Process connection	PPH	PVC

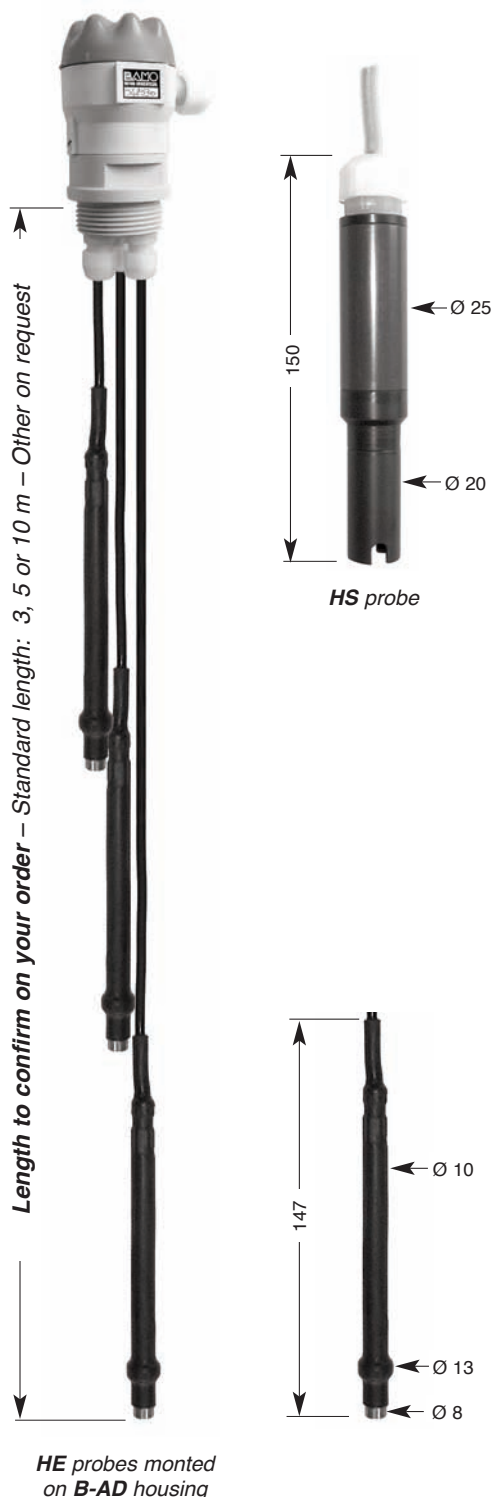
CODE NUMBERS AND REFERENCES

Probe alone, suspended level resistive electrodes

Code	Reference	Designation	Cable length
542 100	Probe HE-3	Electrode S.S. 316 Ti	Cable 3 m
542 150	Probe HE-5	Electrode S.S. 316 Ti	Cable 5 m
542 160	Probe HE-10	Electrode S.S. 316 Ti	Cable 10 m
542 200	Probe HS-1	Electrode carbon-glass	Cable 1 m
542 250	Probe HS-3	Electrode carbon-glass	Cable 3 m

Head housing alone, for HE / HS mounting

Code	Ref.	Designation
542 510	B-HE-X	Process connection BSP 1/2" – for 1 probe HE
542 520	B-HE-Z	Process connection BSP 1 1/4" – for 2 probes HE
542 530	B-HE-D	Process connection BSP 1 1/4" – for 3 probes HE
542 540	B-HE-V	Process connection BSP 2" – for 4 probes HE
542 550	B-HE-F	Process connection BSP 2" – for 5 probes HE
542 511	B-HS-X	Process connection BSP 1" – for 1 probe HS
542 521	B-HS-Z	Process connection BSP 2" – for 2 probes HS
542 531	B-HS-D	Process connection BSP 2" – for 3 probes HS
542 541	B-HS-V	Process connection BSP 2" – for 4 probes HS
542 551	B-HS-F	Process connection BSP 2" – for 5 probes HS



BAMO MESURES

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26-03-2009

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