

- Designed especially for washing machines
- Two-electrode conductive level sensor
- Built-in temperature sensor
- Teflon + stainless steel wetted parts

GENERAL DESCRIPTION

The BLCSAT probe is designed especially for washing machines where level and temperature control have to be performed simultaneously. The probe design includes plastic housing with fixing nut and rubber washer, temperature sensor and two conductive level electrodes. The special semispherical electrode tips ensure harmless operation in case of laundry applications and the small sheath of the temperature sensor provides fast reaction. The BLCSAT probes are available with different plastic housings and temperature sensors as well as cable lengths, depending on the machine application.

ORDER INFORMATION

BLCSAT

Housing: PV - PVC, PA - PA, TF - PTFE

Temperature sensor: RD - Pt100, RG - Pt1000, RP - PTC 1k, RQ - PTC 2k, J - thermocouple type "J", T - thermocouple type "T"

Probe length: 'n' [mm] 20...100 (specify the exact value)

Cable length: 'k' [m] 1...10 (specify the exact value)



Model	BLCSAT
Specifications	
Electrodes	2 electrodes for conductive level probe, 1 electrode for temperature sensor
Probe length	20...100 mm depending on vessel wall thickness
Process connection	PG13.5 plus nut
Operating temperature	-20...200 °C
Operating pressure	up to 2 Bar
Electrode material	stainless steel 1.4571 or 1.4301
Housing material	PTFE, PA, or PVC (nut - ABS)
Wiring	cable, PTFE insulated, up to 10 m
Mounting (installation)	inside vessel
Protection class	IP65