

Maselli UR62 online Brix monitoring

Application

Monitor Brix in pulp and paper, chemical and fruit processing applications, or in a suitable wastewater stream.

Measurement and control

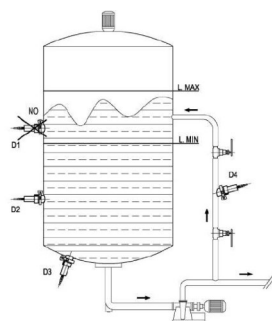
The UR62 can be installed in a pipe, drain or open effluent channel using the appropriate mounting arrangement. The meter has an IP67 enclosure. The application uses 24 V DC power and a 4-20 mA control signal. A high-Brix alarm can identify a value above the selected threshold. Continuous measurement helps operators follow concentration changes. The arrangement includes the probe, PVC cable and remote controller.



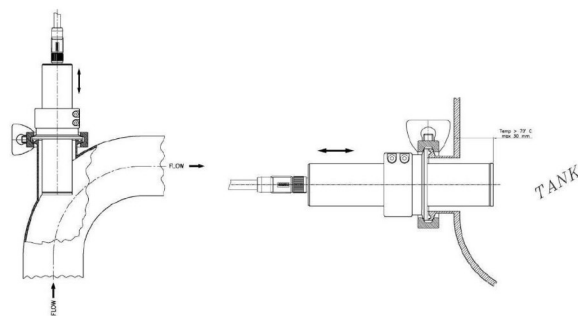
UR62 probe and RC24 controller

Features and application details

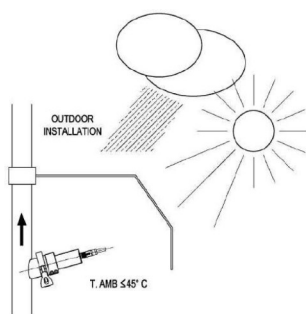
Parameter	Specification
Range	1.3170...1.4907 nD (0...80 Brix)
Accuracy	max: ± 0.2 Brix
Resolution	0.2 Brix or equivalent for USER scale.
Product temperature	-5...+90 °C (23...194 °F)
Line pressure	max. 10 bar (145 psi) at 20 °C (68 °F) max. 8 bar (116 psi) at 90°C (194 °F)
Interfaces	Digital: RS485 for connection to programming PC or Remote Control Repeater RC-24.
Power supplies	AC 24V $\pm 10\%$ 50...60Hz 80mA DC 24V $\pm 10\%$ 80mA
Outputs	2 relay outputs (alarm condition signaling) + 1 relay output for cleaning system control with DC/AC 24V/500mA contacts.
Dimensions and weight	$\varnothing 38.5$ (b) x 173 (d), 500 g
Execution	AISI 316 stainless steel Enbloc casing for installation on the process line by means of the special adapter. Degree of Protection IP67 (EN60529)



Tank installation example



Pipe installation examples



Outdoor installation guidance