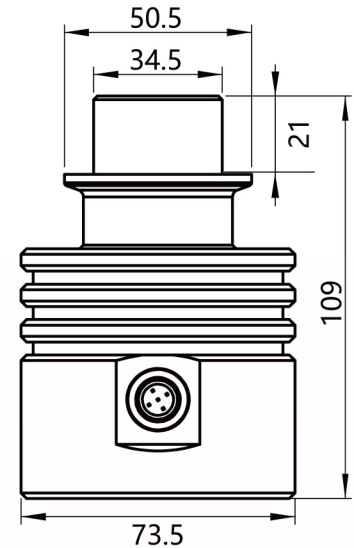


MSDR-SH70



Size Weight≈698g



Product Introduction

Linglijia MSDR-SH70 on-line liquid concentration sensor is a high precision optical instrument for measuring liquid concentration based on the principle of critical Angle total reflection. Installed on the production line or tank, it can detect the liquid concentration (i.e., soluble solids content -BRIX value) flowing through the line pipe or tank to monitor the operation of the production process or the conformity rate of the product in real time.

Product Parameter

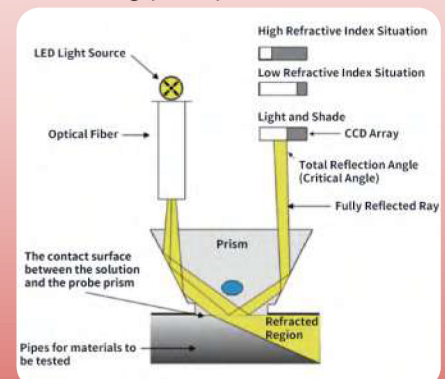
Panel



Detection Window



Measuring principle



Measure Range	Brix 0.0 ~ 70.0%	Resolution Ratio	Brix 0.1%
	RI 1.3330~1.4650		RI 0.0001
	Temperature -20°C~100°C		Temperature 0.1°C
Measurement Accuracy	Brix ±0.2%	Environment	0.0~ 60.0°C
	RI ±0.0003	Sample Volume	Submerged Measuremen
	Temperature ±0.5°C	Withstand Pressure	1MPa
Measuring Time	Measure once in 1 seconds default	Protection Grade	Sensor IP67
Installation	Thread, flange, chuck, etc. Support customization.		
Output	Analogue Output: 4~20mA correspond to brix concentration 0.0 ~70.0%		
	Digital Output: RS485		
	Other output options can be customized.		
Input	DC+24V±10% curren <100mA		