



Product Description

Fiber Optic Sensor Series

Liquid Level Sensor





Liquid Level Sensor



Introduction

GMK series liquid level sensors are based on the optical total reflection principle, the sensor parts use optical prisms, do not contain mechanical moving parts, with high sensitivity, low power consumption, small size, easy to integrate and so on.

Key Features

High sensitivity, low power consumption, small size, easy integration

Application area

It can be used for liquid level detection in complex electromagnetic environment, and is mainly used in DC transmission converter valve products.



Technical Indicators	
Operating wavelength	850nm±10nm
Insertion loss(no level detected)	≤3dB
Insertion loss (level detected)	≥30dB
Redundant channel consistency	The height difference between the two channels of the same module detecting liquid level ≤ 0.5mm
Operating temperature	-10°C~+60°C
Storage temperature	-40°C~+70°C
Fiber type	Multimode (200/230μm, 62.5/125μm)
Optical interface	ST/UPC