SIER ELECTRONICS CO., LTD

A: No.1 Binhe nan road, Baoji, 721004,Shaanxi, China Tel: +86 917 3652001 Fax: +86 917 3652001 Email: kenny@sierelectro.com Web: www.sierelectro.com

SCZ01 Magnetostrictive Level Transmitter

Features

- High accuracy and stability
- > Anti-static, anti-surge, anti-interference and electromagnetic compatibility design
- > High-pressure vessel pressure pipe design, maintenance without pressure relief
- > Reasonable product structure, high precision and low maintenance rate

Introduction

SCZ01 Magnetostrictive Level Transmitter (hereinafter referred to as sensor, including common type and explosion-proof type) is used for continuous measurement of liquid level and interface. In addition, magnetostrictive liquid level sensors are used in a wide range of applications, including: petroleum, chemical raw material storage, industrial processes, biochemistry, pharmaceuticals, food and beverage, tank management, underground filling of gas stations, etc. Industrial metering and control, dam water level, reservoir water level monitoring and sewage treatment, etc.

Specification

- Pressure range: 0~6000mm(Hard rod) / 0~25000mm(Soft rod)
- > Accuracy: ±0.3mm
- Resolution Ratio:0.1mm or ±0.02%FS
- > Process connection: G1/2 male thread (or as per customer's requirement)
- ➤ Ambient temp.: -25~70°C
- ➢ Medium temp.: -25~150℃
- Power supply: 24VDC
- Output signal: 4~20mADC(2/3 wires),RS485
- ► Temperature Measurement: -25~70°C
- ➤ Temperature error:±0.5°C
- > Type of explosion protection: Exia II BT4
- Communication protocol: RS-485, RS-232, Modbus, HART. etc, (or as per customer's requirement)

Order Guide								
SCZ	201	Magnetostrictive Level Transmitter						
		Range						
		[0~X]m		X: the length of probe				
				Co	de	Output	signal	
					E	4~20m	ADC	
				F	R4	RS485		
							Code	Others
							B2	Cable exit
							B3	M12 connector
							B4	DIN43650 connector
							C3	G1/2 male thread
							F	Flange(please mention size)
							D	Dual float
SCZ01		[0~1m]		R	R4		B2F	the whole spec