

Hersman thread:



principle and characteristics

In the sealed non-magnetic stainless steel is equipped with a dry reed tube, the floating ball is equipped with an annular magnetic ring, the floating ball moves with the rise or fall of the liquid level, thus triggering or releasing the magnetic reed switch in the stainless steel tube, sending a switch signal.

Can be installed at the top or bottom, compact and firm structure, reliable performance, good repeatability, long life, high temperature resistance.

Hersman flange:



Application Used for liquid level measurement of stainless steel float density $\geq 0.75\text{g/m}^3$; NBR float density $< 0.75\text{g/m}^3$

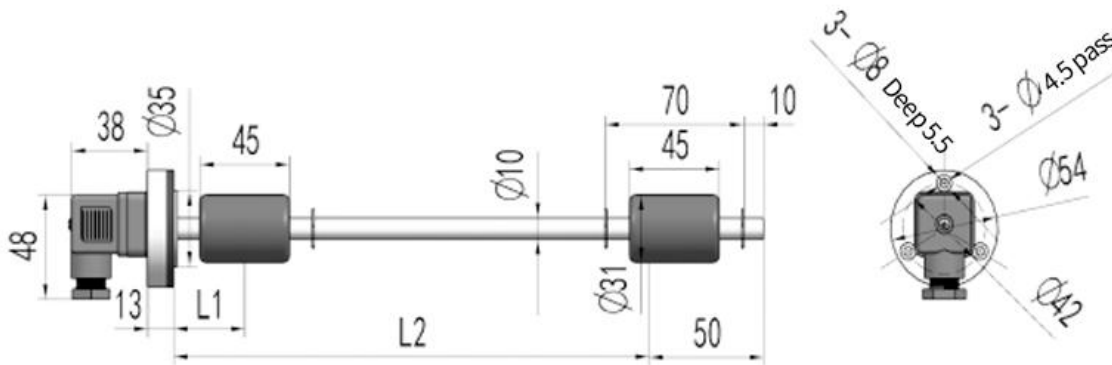
technical specification

- ◆ Maximum pressure: 5bar
- ◆ Medium temperature: $-10^{\circ}\text{C} \dots 130^{\circ}\text{C}$ (can be customized high temperature)
- ◆ Contact type: Dry reed switch
- ◆ Protection grade: IP65
- ◆ Material: stainless steel

Connector thread:



Dimension Figure.(Hirschmann flange):



Dimension Figure2.(Hertzmann Thread):

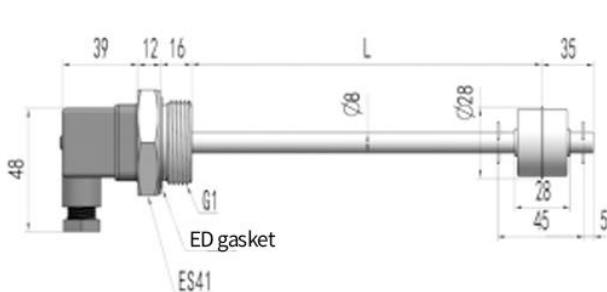
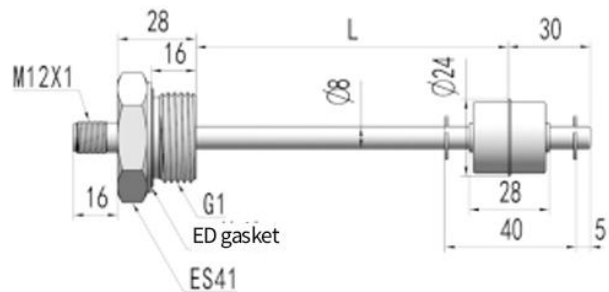


Figure 3. (connector thread type) :



Selection table

LF20D -	A	A	250	N	500	F	A	D	X	B	specification
LF20D -											LF20D Series Float Level Switch
	A										Normal temperature (0-100°C)
	B										High temperature models
		A									monosfera
		B									Multi-ball
			L1								Measuring range: specially customized L1= mm
			250								Measuring range: 250mm
			500								Measuring range: 500mm
				R							Normally open + normally closed (single ball optional)
				N							normally open
				F							normal close
					L2						Measurement range: special custom L2= mm
					500						Measuring range: 500mm
					750						Measuring range: 750mm
						N					normally open
						F					normal close
							A				stainless steel ball
							B				NBRball
											Custom float
								D			flanged joint
								G			G1 female thread connection
									X		Installation connection material: stainless steel
									L		Installation connection material: alumina
										B	Hirschman
										C	M12 connectors

* The type selection table is only for technical selection, and the corresponding type of the factory model is reflected by the code.