GY-Floats

Floats for the GY-series



The GY-series cylinder sensors are also very suitable for liquid level detection. The sensor probes are made of stainless steel and thus fits most liquids, like water, oil, chemicals etc.

We offer several sizes and materials of floats to fit the actual liquid/density and pressure. If you need support to find the right floats, please contact us with information about density and pressure, and we will suggest the best float.

Permanent magnets are mounted in the floats to detect the position in the magnetostrictive material. These are designed for our sensors and for use in many different applications.

Below you find drawings of our standard versions with dimensions.

Please contact Regal Components if you have any questions.

Model	Dimensions	Specifications		Dead Zone(mm)
φ 28 SS316	φ 26 φ 26 φ 28	Material	SS316	die stamp
		Specific gravity	0.75	
		Burst	1MPa	(gravity 1.0) 82.6
		Install direction	die stamp	50 Effective stroke 90
φ 50 SS316	φ 15 φ 46 φ 50 circle mark	Material	SS316	circle mark (gravity 1.0) 78 50 Effective stroke
		Specific gravity	0.53	
		Burst	1MPa	
		Install direction	circle mark	
φ 42.5 SS316	arrow mark φ40 φ 10.3 (inside dia) φ 42.5	Material	SS316	arrow mark (gravity 1.0) 81 50 Effective stroke 100
		Specific gravity	0.55	
		Burst	4MPa	
		Install direction	arrow mark	
φ30 SS316L	diamond mark 00 4 28 4 30 4 9.6	Material	SS316L	diamond mark (gravity 1.0) 78 50 Effective stroke 90
		Specific gravity	0.66	
		Burst	2MPa	
		Install direction	diamond mark	
φ 40 SS316	### diamond mark ### ### ### ### #### ###############	Material	SS316	diamond mark (gravity 1.0) 74.5
		Specific gravity	0.52	
		Burst	1.4MPa	
		Install direction	diamond mark	50Effective stroke100
Float stopper		Material	SS316	Float stoppers dimensions Probe dia ϕ 8 ϕ 10 ϕ 13.8
		Specific gravity		A 14.5 14.5 20 B 6 7 9
		Burst		C 19 19 25 D φ8.2 φ10.2 φ14
		Install direction		E 8 8 8 F 19 19 25

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