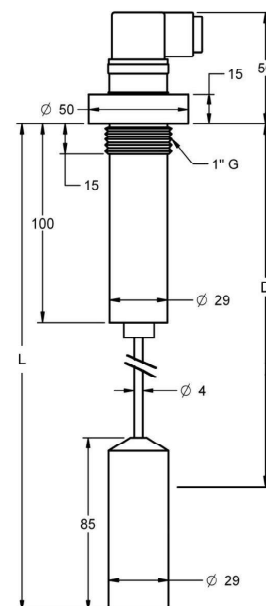
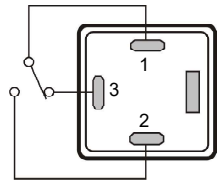
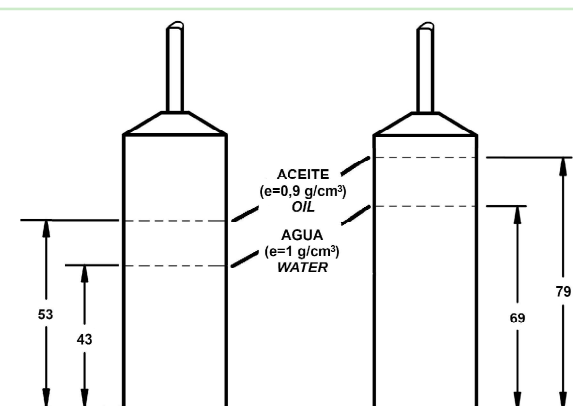
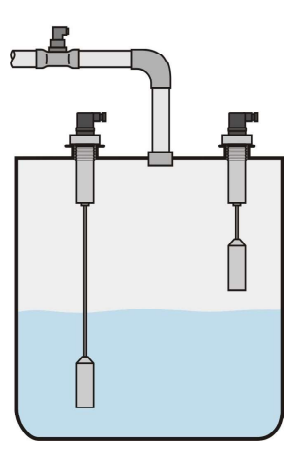


INMG

LEVEL SWITCH BY FLOAT



Application field	For all types of liquids with densities above 0,7 g/cm ³ . Because the float does not contain magnetic components, it can be used in recovery of oil tanks, cooling emulsions, etc.
Operating principle	When the float is pushed upward by the action of the liquid level, it activates a reed contact located at the top of the sensor, otherwise it is disabled.
Process connection	Top screw 1" G.
Output	Reed contact NONC 60W/VA/ 1A/230VACDC
Float	Cylindrical Ø 29x85 mm. PVC
Guide tube	Tube Ø4 mm. SS AISI304 (1.4301)
Length (L)	210..600 mm
Temperature	+60°C
Pressure	3 kg/cm ²
Protection	IP65
Order code	INMG L???
	The length L is the maximum that the sensor reaches without the presence of liquid. The length of the trigger point D is determined based on the density of the liquid and the total length L. See the measurement table on the next page.
Connection	
Flotation levels according to liquid density and total length	
Application example	

The distance from the trigger point (D) depends on the density of the liquid (e) and the length (L) of the assembly.

Use the table below to learn the rest of the INMG sensor distances from those you already know.

The values that appear on a pink background are not recommended for the combination of distance and density since the float point exceeds the height of the float.

L	D (mm)				L	D (mm)			
	e=1 g/cm ³	e=0,9 g/cm ³	e=0,8 g/cm ³	e=0,7 g/cm ³		e=1 g/cm ³	e=0,9 g/cm ³	e=0,8 g/cm ³	e=0,7 g/cm ³
210	167,19	157,19	147,19	137,19	405	349,21	339,21	329,21	319,21
215	171,86	161,86	151,86	141,86	410	353,88	343,88	333,88	323,88
220	176,53	166,53	156,53	146,53	415	358,54	348,54	338,54	328,54
225	181,19	171,19	161,19	151,19	420	363,21	353,21	343,21	333,21
230	185,86	175,86	165,86	155,86	425	367,88	357,88	347,88	337,88
235	190,53	180,53	170,53	160,53	430	372,54	362,54	352,54	342,54
240	195,19	185,19	175,19	165,19	435	377,21	367,21	357,21	347,21
245	199,86	189,86	179,86	169,86	440	381,88	371,88	361,88	351,88
250	204,53	194,53	184,53	174,53	445	386,55	376,55	366,55	356,55
255	209,20	199,20	189,20	179,20	450	391,21	381,21	371,21	361,21
260	213,86	203,86	193,86	183,86	455	395,88	385,88	375,88	365,88
265	218,53	208,53	198,53	188,53	460	400,55	390,55	380,55	370,55
270	223,20	213,20	203,20	193,20	465	405,21	395,21	385,21	375,21
275	227,86	217,86	207,86	197,86	470	409,88	399,88	389,88	379,88
280	232,53	222,53	212,53	202,53	475	414,55	404,55	394,55	384,55
285	237,20	227,20	217,20	207,20	480	419,22	409,22	399,22	389,22
290	241,87	231,87	221,87	211,87	485	423,88	413,88	403,88	393,88
295	246,53	236,53	226,53	216,53	490	428,55	418,55	408,55	398,55
300	251,20	241,20	231,20	221,20	495	433,22	423,22	413,22	403,22
305	255,87	245,87	235,87	225,87	500	437,88	427,88	417,88	407,88
310	260,53	250,53	240,53	230,53	505	442,55	432,55	422,55	412,55
315	265,20	255,20	245,20	235,20	510	447,22	437,22	427,22	417,22
320	269,87	259,87	249,87	239,87	515	451,89	441,89	431,89	421,89
325	274,53	264,53	254,53	244,53	520	456,55	446,55	436,55	426,55
330	279,20	269,20	259,20	249,20	525	461,22	451,22	441,22	431,22
335	283,87	273,87	263,87	253,87	530	465,89	455,89	445,89	435,89
340	288,54	278,54	268,54	258,54	535	470,55	460,55	450,55	440,55
345	293,20	283,20	273,20	263,20	540	475,22	465,22	455,22	445,22
350	297,87	287,87	277,87	267,87	545	479,89	469,89	459,89	449,89
355	302,54	292,54	282,54	272,54	550	484,56	474,56	464,56	454,56
360	307,20	297,20	287,20	277,20	555	489,22	479,22	469,22	459,22
365	311,87	301,87	291,87	281,87	560	493,89	483,89	473,89	463,89
370	316,54	306,54	296,54	286,54	565	498,56	488,56	478,56	468,56
375	321,21	311,21	301,21	291,21	570	503,22	493,22	483,22	473,22
380	325,87	315,87	305,87	295,87	575	507,89	497,89	487,89	477,89
385	330,54	320,54	310,54	300,54	580	512,56	502,56	492,56	482,56
390	335,21	325,21	315,21	305,21	585	517,23	507,23	497,23	487,23
395	339,87	329,87	319,87	309,87	590	521,89	511,89	501,89	491,89
400	344,54	334,54	324,54	314,54	595	526,56	516,56	506,56	496,56
					600	531,23	521,23	511,23	501,23