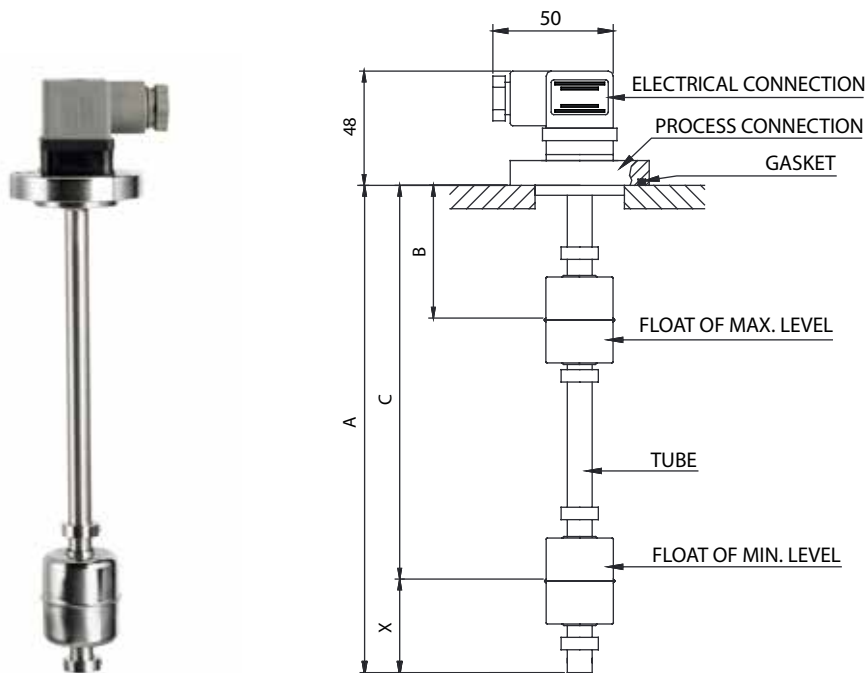


# IEG-S/STEEL-N1F IEG-S/STEEL-N2F



**S/STEEL ELECTROMAGNETIC LEVEL  
INDICATOR WITH 1 OR 2 CONTACTS**



## USE:

Made to ensure, with maximum safety, the minimum or maximum level of liquids in tanks containing corrosive substances. Entirely in AISI 316 stainless steel, they are suitable for use in the chemical, pharmaceutical and food industries.

## OPERATION:

When the float of the indicator meets the Reed switch incorporated in the tube at the pre-established distances, the contact is activated by the magnet housed in the float opens or closes, thus obtaining the possibility of sending a luminous or acoustic signal or disconnecting any electrical equipment connected to it.

## FITTING:

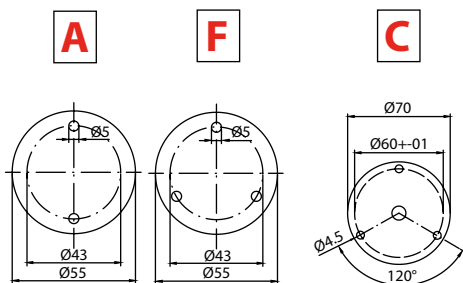
The indicator must be fitted in the vertical position, and the float must be at least 35mm from ferrous surfaces (walls, tanks, etc.). Flange seal is guaranteed by an oilproof synthetic rubber seal.

**Max Pressure: 10 Bar**

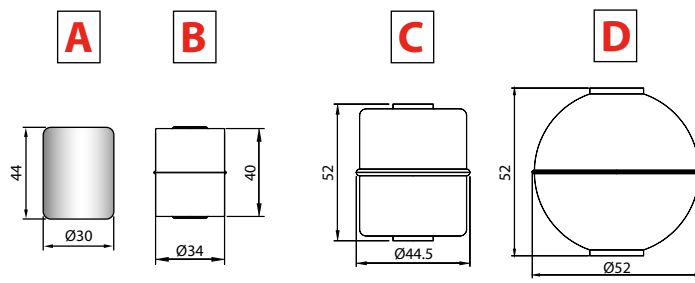
FLOATS				
	A	B	C	D
B minimum (mm)	35	35	40	40
X minimum (mm)	35	35	45	45

# TECHNICAL DATA AND ORDER

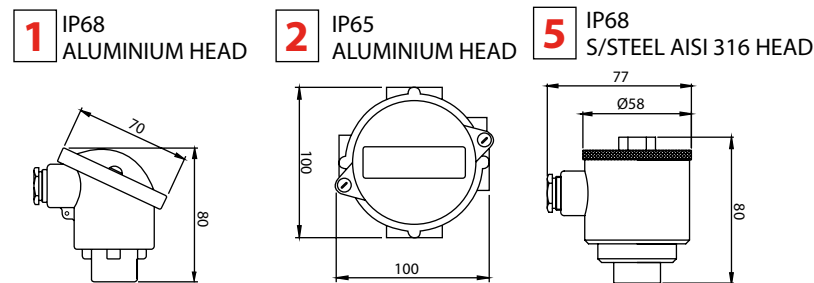
## PROCESS CONNECTION



## FLOATS



## ELECTRICAL CONNECTIONS



ELECTRICAL CONTACTS	FLOAT	ELECTRICAL CHARACTERISTICS			
		POWER COMMUTABLE IN D.C.	POWER COMMUTABLE IN A.C.	CURRENT STRENGTH IN A.C.	COMMUTABLE VOLTAGE
SPST	A - F	60 W	60 V.A.	3 A	230 VDC / VAC
SPDT		30 W		0,5 A	500 VDC
SPST	C	80 W	80 V.A.	1,3 A	250 VDC / VAC
SPDT		60 W	60 V.A.	1 A	230 VDC / VAC

THERMOSTAT ELECTRICAL CHARACTERISTICS	
VOLTAGE	250 V. COMMUTABLE
FREQUENCY	50 Hz
LOAD VALUES	4,0 A. cos $\varphi$ = 0,6 (I M OT) 6,3 A. cos $\varphi$ = 1,0 (I N)
MAX. LOAD	10 A. cos $\varphi$ = 1
COMMUTATING TEMPERATURE	50°C - 60°C - 70°C - 80°C
CONTACTS	N.CH. = NORMALLY CLOSE N.A. = NORMALLY OPEN
TOLERANCES	± 5°C

MOD.			PROCESS CONNECTION	A	FLOATS	OPERATING TEMPERATURE	ELECTRICAL CONNECTION				QUOTE AND NATURE OF CONTACTS IN THE PRESENCE OF LIQUID		TEMPERATURE SENSOR IN THE LOWER PART OF LEVEL (THERMOSTAT ONLY FOR PROCESS CONNECTION C) A=+20mm	ELECTRICAL CONNECION		CABLE LENGTH								
							N° POINTS OF CONTROL		POLES OCCUPIED		C	B												
		SPST	SPDT																					
IEG-INOX	N1	1 POINT OF CONTROL SPST	A	Ø55 - 2 HOLE	DA 70 A 3500	A	Ø30 x 44 NBR BLACK (DISTANCE BETWEEN POINTS 70 mm) A-F-C-B	S	-20...+80°C	S	SEPARATE	1 (N1 - N2)	2	3	QUOTE +	QUOTE +		-	WITHOUT	-	CONNECTORE IP65 (MAX 3 POLI+T)	L=	WITH P.V.C. CABLE or SILICONE MAX 4 POLE	
																-	WITHOUT	2	PT 100					
	N2	1 POINT OF CONTROL SPDT	F	Ø55 - 3 HOLE		B	Ø34 x 40 S/STEEL (DISTANCE BETWEEN POINTS 60 mm) A-F	H	-20...+120°C	1	1 COMMON	2	3	5	O	SPST N.O.	O	SPST N.O.	3	PT 1000	1			6 POLE IP68
																			4	THERMOSTAT 50°C - NO	2			10 POLE IP65
	MM	2 POINTS OF CONTROL SPST	C	Ø70 - 3 HOLE		C	Ø44,5 x 52 S/STEEL (DISTANCE BETWEEN POINTS 75 mm) C-B	K	-20...+150°C	S	SEPARATE	4	6	S	SPDT	S	SPDT	5	THERMOSTAT 60°C - NO	3	CABLE OUTPUT IN P.V.C.			
																		6	THERMOSTAT 70°C - NO					4
	MS	2 POINTS OF CONTROL SPDT	B	CLAMP 2" / P/2 (1-2-5 ELECTRIC CONNECTION REQUIRED)		D	Ø52 x 52 S/STEEL SPHERICAL (DISTANCE BETWEEN POINTS 75 mm) C-B												7	THERMOSTAT 80°C - NO	5			6 POLE S/STEEL
								8	THERMOSTAT 50°C - NC	9	THERMOSTAT 60°C - NC	10	THERMOSTAT 70°C - NC	11	THERMOSTAT 80°C - NC									
	IEG-INOX	N1		F		1200	B	H	S					1150-C	800-C	-		-		-				