

# RIL250

LEVEL IN AISI 316  
WITH 1 OR 2  
POINTS OF CONTROL

# LEVEL



## RIL250

LEVEL INDICATOR IN AISI 316 WITH 1 OR 2 POINTS OF CONTROL AND TEMPERATURE UP TO 200°C



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## Electromagnetic Levels

Precision and functionality, control points single or multiple, to meet the various requirements of application.

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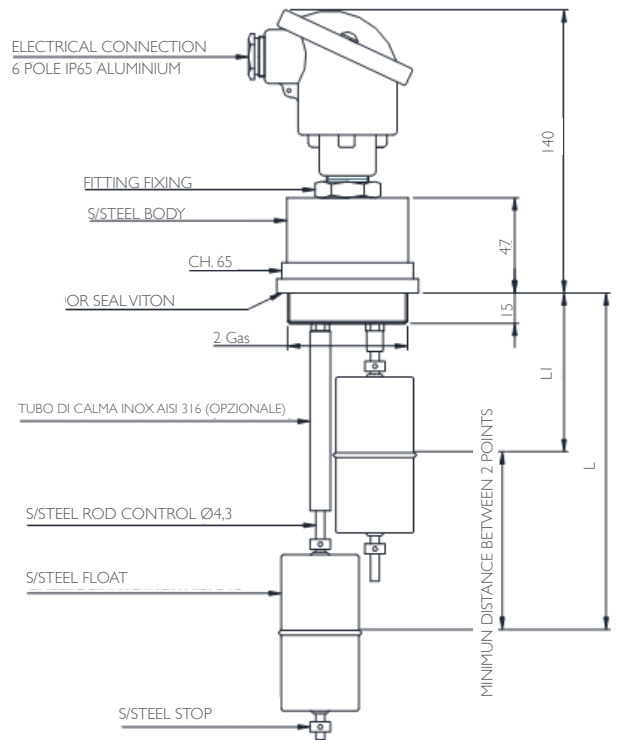
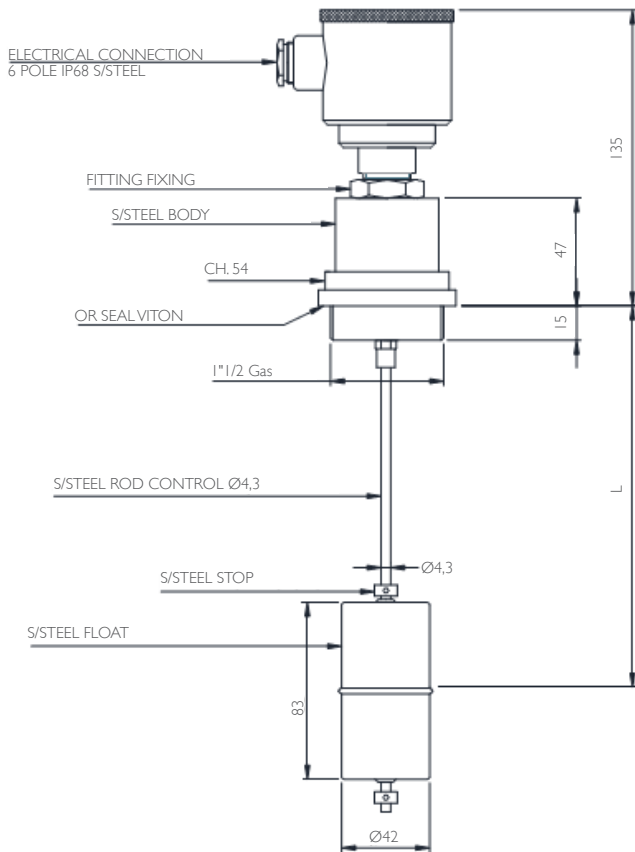


## FEATURES:

The RIL250, can be used in all situations where it is necessary to have parts in contact with the liquid, is completely in AISI 316. You can control up to 2 separate point of control.

## OPERATION:

When the float rises or falls, the magnet in the upper part of the rod goes to activate or deactivate in the body 1 or 2 reed contacts, thus having the possibility of sending an electrical signal that can drive any device connected to it.



## ADVANTAGES:

- Can be used with dirty liquid.
- Control points adjustable at any time by the user.
- IP65 / IP68 protection.
- Electrical part totally separated from the liquid in the tank.
- All in stainless steel AISI 316, the body and the electrical connection on request.
- The possibility of a surge pipe in conditions of tanks with agitators or moving.

**MAXIMUM WORKING PRESSURE:** 10 Bar

## Technical data and order

Model	Process connection and number of control points	Electrical contacts		Electrical connection	L	S/Steel stilling		Operating temperature		Electrical connection	
RIL250	1" 1/2 GAS 1 rod and 1 point of control	S1	SPST - closed in absence of liquid	5 - 6	From 60 to 1000	N	None	S	-20 ÷ +80°C	1	6 pole IP65 aluminium
		S1A	SPST - close in presence of liquid	5 - 6				H	-20 ÷ +120°C		
		S2	SPDT - exchange	1 - 2 - 6 6 = common 2 = close in absence 1 = close in		I	Present in S/Steel	K	-20 ÷ +200°C	2	6 pole IP-68 S/Steel
Example RIL250	G1	S2			500	N		H		2	

- In situations where the liquid has a lot of movement inside the tank, it is recommended to use a stilling INOX that goes to protect the sliding of the rod control.
- For all levels an electrical connection is provided through a head aluminum IP65, on request you can have the variant in AISI 316 IP68 which also includes the bleed nipple, 316. This solution is particularly suitable for harsh conditions or in the marine environment.

Model	Process connection and number of control points	Electrical contacts of minimum rod "L"		Electrical connection	Electrical contacts of maximum rod "L"		Electrical connection	L	L1	S/Steel stilling		Operating temperature		Electrical connection		
RIL250	2" GAS 2 rods and 2 control point	S1	SPST - closed in absence of liquid	1 - 2		S1	SPST - closed in absence of liquid	3 - 4	From 160 to 1000	From 60 to 900	N	None	S	-20 ÷ +80°C	1	6 pole IP65 aluminium
		S1A	SPST - closed in presence of liquid	1 - 2		S1A	SPST - closed in presence of liquid	3 - 4					H	-20 ÷ +120°C		
		S2	SPDT - exchange	1 - 5 - 2 1 = common 5 = close in absence 2 = close in		S2A	SPDT - exchange	3 - 6 - 4 3 = common 6 = close in absence 4 = close in absence			I	Present in S/Steel	K	-20 ÷ +200°C	2	6 pole IP68 S/Steel
Example RIL250	G2	S2		+	S2			1000	900	N		H		2		

### PLAN VIEW OF TERMINAL INSIDE THE HEAD



### ELECTRICAL CHARACTERISTICS

S1	S1A	S2
3 A. 60 W 60 V.A. 230 Vdc 230 Vac		1 A. 60 W 60 V.A. 250 Vdc 250 Vac