

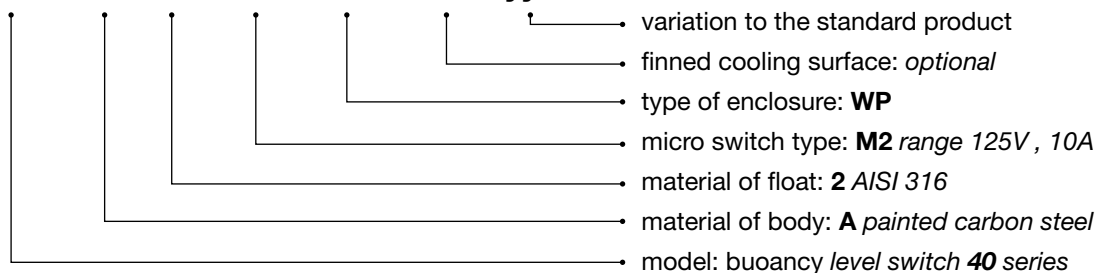
> Control units for level or flow switches in intrinsically safe execution CESI 07ATEX012X certificate

The control units for level or flow switches in intrinsically safe execution, for installation in hazardous areas, are composed by a metallic enclosure with mounted inside simple electrical parts: micro switches and screw terminal block. The control units are available with enclosure EP series, for Class 1 hazardous area with gas (G) and/or dust (D) explosive atmosphere or with enclosure WP series, for Class 1 hazardous area with gas (G) explosive atmosphere. These control units are mounted on the following instruments:

MODEL					
LEVEL SWITCHES			LEVEL SWITCHES		
SERIES	OPERATION	ENCLOSURE	SERIES	OPERATION	ENCLOSURE
1020	magnetic contrast	EP	3060	float	EP or WP
20	float	EP or WP	3070	float	EP or WP
30	float	EP or WP	4060	buoyancy	EP or WP
40	buoyancy	EP or WP	4070	buoyancy	EP or WP
50	float	EP or WP	FLOW SWITCHES		
60	float	EP or WP	SERIES	OPERATION	ENCLOSURE
70	float	EP or WP	PL	movable paddle	EP or WP
80	float	EP or WP	CV	float	EP or WP
6000	buoyancy	EP or WP	TGO	movable paddle	EP or WP
7000	buoyancy	EP or WP	PLD	movable paddle	EP or WP

The level or flow switches with EP or WP series enclosures are characterized by the following code:

i.e. **41D - A - 2 - M2 - WP - xx - yy**



The detail of the code is reported in the relevant catalogue sheets.

N.B. EP enclosure, for this kind of applications, is shown on the technical specifications and on the catalogue sheets with the commercial code WP (Cu<0,3%) «Low-Copper»

THESE TYPES OF CONTROL UNITS SHALL BE MARKED AS FOLLOWS:



II 1 G Ex ia IIC T6 Ga (control unit with enclosure EP o WP series)



II 1 D Ex ia IIIC T85°C Da (control unit with enclosure EP series)