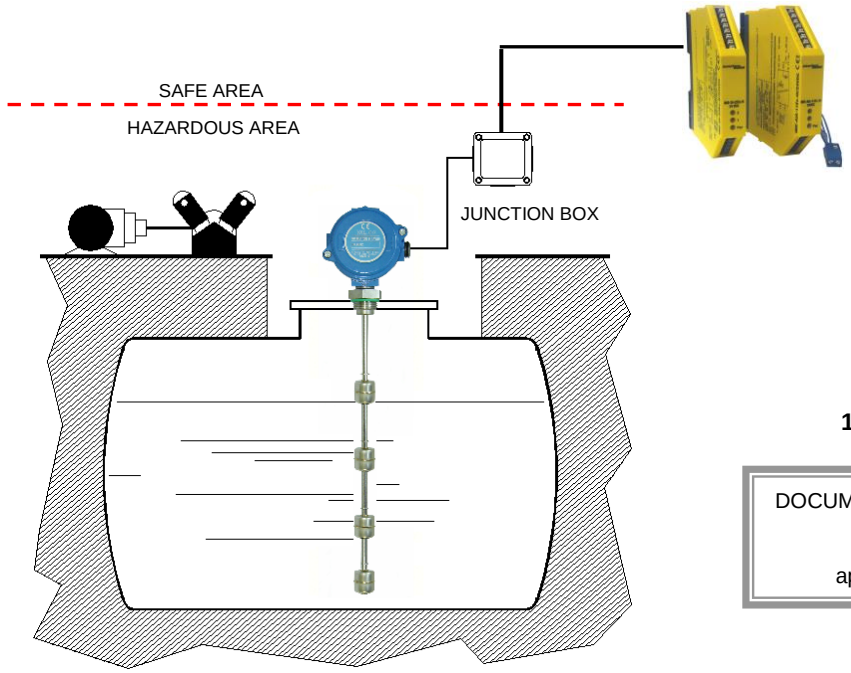

GOST-R Ex

ATEX
1G Exia IIC T4 T5 T6 Ga
1/2G Exia IIC T4 T5 T6 Ga/Gb

DOCUMENT RELATED TO THE CERTIFICATE
CESI ATEX 265
No changes allowed without
approval of the "Authorized Person"

ATEX - Exia

CLASSIFICATION OF POTENTIALLY EXPLOSIVE AREAS

Combustible product	Occurrence in the area	Area classification	Required protection grade Group	Category
Gases Vapours	Continuously, for long periods or frequently	Zone 0	II	1G
	Occasionally	Zone 1	II	2G o 1G
	Unlikely, seldom or for short periods	Zone 2	II	3G o 2G o 1G
Dusts	Continuously, for long periods or frequently	Zone 20	II	1D
	Occasionally	Zone 21	II	2D o 1D
	Unlikely, seldom or for short periods	Zone 22	II	3D o 2D o 1D
Methane Dusts	-	Mines	I	M1
	-	Mines	I	M2 o M1

ATEX CLASSIFICATION OF VAL.CO LEVEL SENSORS

SIMPLE – ATEX I MULTIPOINT O – ATEX I MULTIPOINT LO – ATEX I

Type of float		Exia	
		Inside area	Outside area
SPANSIL	B15	II 1G IIC T6/T5	II 1G IIC T6/T5/T4 II 2G IIC T6/T5 I1 – I2 electrical output
	B22		
	B13	II 1G IIB T6/T5	
	B20		
	B28		
	B44		
	B45		

MAXIMUM TEMPERATURE OF THE PROCESS

Ambient temperature	Exia Standard construction = 0			Exia With heatsink = 9
	90 °C	100 °C	120 °C	120 °C
-40°C/+40°C	T6	T5	T4	T6
-40°C/+55°C	T5	T5	T4	T5
-40°C/+80°C	T4	T4	T4	---

SIMPLE – ATEX I MULTIPOINT S – ATEX I MULTIPOINT LS – ATEX I

Type of float		Exia	
		Inside area	Outside area
STAINLESS STEEL	S29	II 1G IIC T6/T5/T4	II 1G IIC T6/T5/T4 II 2G IIC T6/T5/T4 I1 – I2 electrical output
	S32		
	S41		
	S52		
	S100		

MAXIMUM TEMPERATURE OF THE PROCESS

Ambient temperature	Exia Standard construction = 0			Exia With heatsink = 9
	90 °C	100 °C	130°C	160 °C
-40°C/+40°C	T6	T5	T4	T6
-40°C/+55°C	T5	T5	T4	T5
-40°C/+80°C	T4	T4	T4	T4

SIMPLE – ATEX I MULTIPOINT VF – ATEX I

Type of float		Exia	
		Inside area	Outside area
PP PVC PVDF	F25	II 1G IIB T6/T5/T4	II 1G IIC T6/T5/T4 II 2G IIC T6/T5/T4 I1 – I2 electrical output
	F49		
	P20		
	P49		
	V49		

MAXIMUM TEMPERATURE OF THE PROCESS

Ambient temperature	Exia Standard construction = 0			Exia With heatsink = 9
	60°C (PVC) 90°C (PP)	100°C (PVDF)	130°C (PVDF)	130 °C (PVDF)
-40°C/+40°C	T6	T5	T4	T6
-40°C/+55°C	---	T5	T4	T5
-40°C/+80°C	---	T4	T4	---