



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				
<b>MAXIMUM TEMPERATURE OF THE PROCESS</b>					
Ambient temperature		Exia			
		Standard construction = 0	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		
	S32		II 2G IIC T6/T5/T4 I1 – I2 electrical output		
	S41				
	S52				
	S100				
<b>MAXIMUM TEMPERATURE OF THE PROCESS</b>					
Ambient temperature		Exia			
		Standard construction = 0	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		
	F49		II 2G IIC T6/T5/T4 I1 – I2 electrical output		
	P20				
	P49				
	V49				
<b>MAXIMUM TEMPERATURE OF THE PROCESS</b>					
Ambient temperature		Exia			
		Standard construction = 0	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	---