



OPTIFLEX 6200 C/F Technical Datasheet

Guided radar (TDR) level transmitter for solids from granulates to powders

- Designed to withstand high traction loads
- Aluminium and stainless steel housing, compact and remote up to 100 m / 328 ft
- Insensitive to dusty atmosphere and deposits on the probe

HART
COMMUNICATION PROTOCOL



2.1 Order code

Make a selection from each column to get the full order code. The characters of the order code highlighted in light grey describe the standard.

VFAB	4	0	OPTIFLEX 6200 C/F Guided Radar (TDR) level transmitter for solids from granulates to powders up to 40 barg (580 psig) and +200°C (+392°F)
			Regional directives or approvals
			1 Europe
			2 China
			3 USA
			4 Canada
			5 Brazil
			6 Australia
			A Russia
			B Kazakhstan
			C Belarus
			W Worldwide
			Ex approval ①
		0	Without
		1	ATEX II 1/2 G Ex ia IIC T6...T3 Ga/Gb + II 1/2 D Ex ia IIIC T85°C...T°C Da/Db 2
		2	ATEX II 1/2 G Ex ia/db IIC T6...T3 Ga/Gb + II 1/2 D Ex ia/tb IIIC T85°C...T°C Da/Db 2
		3	ATEX II 3 G Ex ic IIC T6...T3 Gc + II 3 D Ex ic IIIC T85°C...T°C Dc 2
		4	ATEX II 3 G Ex ic nA T6...T3 Gc
		5	NEPSI Ex ia IIC T3~T6 Ga/Gb + Ex iaD 20/21 T85~T** 2
		6	NEPSI Ex d ia IIC T3~T6 Ga/Gb + Ex iaD 20 tD A21 IP6X T85°C~T°C 2
		A	cQPSus IS CL I/II/III DIV 1 GP A-G + CL I Z0 AEx ia/Ex ia IIC T6...T3 Ga + Z20 AEx ia/Ex ia IIIC T85°C...T°C Da 2
		B	cQPSus XP-IS/DIP-IS CL I DIV 1 GP A-G + CL I Z1 AEx db ia/Ex db ia IIC T6...T3 Gb + Z21 AEx ia tb/Ex ia tb IIIC T85°C...T°C Db 2
		C	cQPSus NI CL I/II/III DIV 2 GP ABCDFG
		K	IECEX Ex ia IIC T6...T3 Ga/Gb + Ex ia IIIC T85°C...T°C Da/Db 2
		L	IECEX Ex ia/db IIC T6...T3 Ga/Gb + Ex ia/tb IIIC T85°C...T°C Da/Db 2
		M	IECEX Ex ic IIC T6...T3 Gc + Ex ic IIIC T85°C...T°C Dc 2
		P	EAC Ex Ga/Gb Ex ia T6...T3 X + Da/Db Ex ia IIIC T85°C...T°C X (Pending) 2
		R	EAC Ex Ga/Gb Ex ia/db IIC T6...T3 X + Da/Db Ex ia/tb IIIC T85°C...T°C X (Pending) 2
			Industry / safety
		0	Without
		1	SIL2/3 – only available for the compact version (C)
VFAC	4	0	Order code (complete this code on the pages that follow)

