



## OPTIWAVE 6400 C

Technical Datasheet

24 GHz Radar (FMCW) Level Transmitter for solids from granulates to rocks

- Market-entry transmitter
- Proven PP and PTFE Drop antenna insensitive to product build-up
- Built-in configurations for different surface profiles

**HART**  
COMMUNICATION PROTOCOL



## 2.1 Order code

Make a selection from each column to get the full order code.

VFDC	4	0	OPTIWAVE 6400 C 24 GHz radar (FMCW) level transmitter for solids from granulates to rocks (up to 16 barg (232 psig) and 130°C (266°F))
			Regional directives
			1 Europe
			2 China
			3 USA
			4 Canada
			5 Brazil
			6 Australia
			A Russia
			B Kazakhstan
			C Belarus
			W Worldwide
			Ex approvals
			0 Without
			1 ATEX II 1/2 G Ex ia IIC T6...T5 or T6...T4 Ga/Gb + II 1/2 D Ex ia IIIC T85°C...T100°C or T85°C...T130°C Da/Db
			2 ATEX II 1/2 GD Ex db ia IIC T6...T5 or T6...T4 Ga/Gb + II 1/2 D Ex ia tb IIIC T85°C...T100°C or T85°C...T130°C Da/Db
			3 ATEX II 3 G Ex ic IIC T6...T5 or T6...T4 Gc + II 3 D Ex ic IIIC T85°C...T100°C or T85°C...T130°C Dc
			5 NEPSI Ex ia IIC T6...T5 or T6...T4 Ga/Gb + Ex iaD 20/21 T85...T100 or T85...T130
			6 NEPSI Ex d ia IIC T6...T5 or T6...T4 Ga/Gb + Ex iaD 20/21 tD A21 IP6X T85°C...T100°C or T85°C...T130°C
			A cQPSus IS CL I/II/III DIV 1 GP A-G + CL I Z0 AEx ia/Ex ia IIC T6...T5 or T6...T4 Ga + Z20 AEx ia/Ex ia IIIC T85°C...T100°C or T85°C...T130°C Da
			B cQPSus XP-IS/DIP CL I DIV 1 GP A-G + CL I Z1 AEx db ia/Ex db ia IIC T6...T5 or T6...T4 Gb + Z21 AEx ia tb/Ex ia tb IIIC T85°C...T100°C or T85°C...T130°C Db ⊕
			C cQPSus NI CL I/II/III DIV 2 GP ABCDFG
			K IECEx Ex ia IIC T6...T5 or T6...T4 Ga/Gb + Ex ia IIIC T85°C...T100°C or T85°C...T130°C Da/Db
			L IECEx Ex db ia IIC T6...T5 or T6...T4 Ga/Gb + Ex ia tb IIIC T85°C...T100°C or T85°C...T130°C Da/Db
			M IECEx Ex ic IIC T6...T5 or T6...T4 Gc + Ex ic IIIC T85°C...T100°C or T85°C...T130°C Dc
			P EAC Ex Ga/Gb Ex ia T6...T5 or T6...T4 X + Da/Db Ex ia IIIC T85°C...T100°C or T85°C...T130°CX
			R EAC Ex Ga/Gb Ex d ia T6...T5 or T6...T4 X + Da/Db Ex ia tb IIIC T85°C...T100°C or T85°C...T130°CX
			0 Construction
			0 Without
			2 CRN / ASME B31.3 2
			4 ASME B31.3
			Converter version (Housing material / IP class)
			2 C / Compact version (aluminium housing – IP66/68 0.1 barg)
			3 C / Compact version (stainless steel housing – IP66/68 0.1 barg) 3
VFDC	4	0	0 Order code (complete this code on the pages that follow)











**KROHNE**

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