



## OPTIWAVE 6500 C Handbook

80 GHz Radar (FMCW) Level Transmitter for powders  
and dusty atmosphere



## 10.1 Order code

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

VFDD	4	0	OPTIWAVE 6500 C 80 GHz radar (FMCW) level transmitter for powders and dusty atmosphere (up to 40 barg (580 psig) and 150°C (302°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...T3 Ga/Gb + II 1/2 D Ex ia IIIC T85°C...T150°C or T85°C...T200°C Da/Db
			2 ATEX II 1/2 GD Ex db ia IIC T6...T3 Ga/Gb + II 1/2 D Ex ia tb IIIC T85°C...T150°C or T85°C...T200°C Da/Db
			3 ATEX II 3 G Ex ic IIC T6...T3 Gc + II 3 D Ex ic IIIC T85°C...T150°C or T85°C...T200°C Dc
			4 ATEX II 3 G Ex nA T6...T3 Gc
			5 NEPSI Ex ia IIC T6...T3 Ga/Gb + Ex iaD 20/21 T85°C...T150°C or T85°C...T200°C IP6X
			6 NEPSI Ex d ia IIC T6...T3 Ga/Gb + Ex iaD tD A20/A21 T85°C...T150°C or T85°C...T200°C IP6X
			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...T150°C or T85°C...T200°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...T3 Gb + Z21 AEx ia tb/Ex ia tb IIIC T85°C...T150°C or T85°C...T200°C Db ⊕
			C cQPSus NI CL I/II/III DIV 2 GP A-G + CL I Z2 AEx nA/Ex nA IIC T6...T3 Gc
			K IECEx Ex ia IIC T6...T3 Ga/Gb + Ex ia IIIC T85°C...T150°C or T85°C...T200°C Da/Db
			L IECEx Ex d ia IIC T6...T3 Ga/Gb + Ex ia tb IIIC T85°C...T150°C or T85°C...T200°C Da/Db
			M IECEx Ex ic IIC T6...T3 Gc + Ex ic IIIC T85°C...T150°C or T85°C...T200°C Dc
			P EAC Ex Ga/Gb Ex ia T6...T3 + Ex ia IIIC T85°C...T150°C or T85°C...T200°C Da/Db
			R EAC Ex Ga/Gb Ex d ia T6...T3 + Ex ia tb IIIC T85°C...T150°C or T85°C...T200°C Da/Db
			0 Construction
			0 Without
			1 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
VFDD	4	0	0
			Order code (complete this code on the pages that follow)











**KROHNE**

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