



OPTIWAVE 5400 C

Technical Datasheet

24 GHz Radar (FMCW) Level Transmitter for liquids in basic process applications

- Market-entry transmitter
- Proven PP Drop antenna design insensitive to condensation



2.1 Order code

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

VFDB	4	0	OPTIWAVE 5400 C 24 GHz radar (FMCW) level transmitter for liquids in basic process applications (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
		3	NACE (MR0175 / MR0103 / ISO 15156)
		4	ASME B31.3
		A	CRN / ASME B31.3 + NACE (MR0175 / MR0103 / ISO 15156) 2
		B	NACE (MR0175 / MR0103 / ISO 15156) + ASME B31.3
VFDB	4	0	Order code (complete this code on the pages that follow)

