uvex

s.QUAD C55

	Performance features	Technical data	
Standards, approvals and environmental conditions	Guidelines and standards	RED 2014/53/EU	(Radio Equipment Directive)
		ETSI EN 300 390	(Radio: POCSAG Receiver)
		EN 600068-2-32	(Drop test from a height of 2 m)
		EN 60529	(IP67)
		Details of other standards can be found in the declaration of conformity.	
	Temperature range	-20 °C to +55 °C	
Paging	Frequency ranges (Further frequencies on request)	VHF 2-m-band	146-155/155-164/164-174 MHz
		UHF 70-cm band	430-470 MHz
	Frequency conditioning	PLL, frequency adjustable over entire frequency range with programming software	
	Channel spacing	12.5, 20/25 kHz programmable	
	Protocol	POCSAG and FLEX	
	Call sensitivity * *typical values in the 2 m band (best position on the Salzmann)	at 512 bit/s	2.0 µV/m
		at 1200 bit/s	2.5 µV/m
		at 2400 bit/s	3.0 µV/m
Main features	Signal strength display (RSSI)	Five-level display of the signal strength at the current location	
	Call addresses	• 64 main addresses (RICs) with 4 sub-addresses each, frame-independent	
		• 256 address names with 12 characters	
	Alerting	• Loudness >95 dB(A) at 30 cm	
		• Audio alarm tones	
		• Vibration alarm	
		• Alarm LED, individually programmable	
		• Up to 64 user profiles or switchable RICs	
	Messages	• Over 100 individual messages with up to 512 characters	
		• 256 fixed texts with 32 characters each can be stored	
		• Up to 2 additional message folders	
		• PIN-protected message storage	
	Supported functions	• Express alarm	
		• OAP (On-Air-Programming) system messages	
		• Over-the-air remote programming for configuration and firmware	
	Options	• Message encryption: DiCal-IDEA (128 bit), BOSKRYPT	
		• Multi-channel, scanner	
Mobile radio	Frequency ranges	800/900/1800 MHz (UTRA band 20/8/3)	
	Connection	LTE Cat. M1 (LTE-M)	
	Network identification	Built-in eSIM	
Localization	Receiver	Nordic GPS engine	
	GNSS system	GPS L1 C/A	
	Sensitivity in tracking mode	-155 dBm	
	Time-To-First-Fix (TTFF)	Cold: 36 sec, supported: 3 sec, warm: 1.3 sec	
Bluetooth® module	Standard	Low Energy, Core V5.2	
	Supported functions	Beacon (localization), compatible with s.ONE app	
Display and housing	Display	• Grayscale display with high resolution (146 x 128 pixels, 106 DPI)	
		• White backlight	
		• Over 200 characters per page can be displayed	
		• Different font sizes with 6, 7 or 8 lines	
		• Vertical and horizontal menu and font navigation (programmable)	
		• Scrollable font	
	Dimensions (H x W x D)	81 x 64 x 22 mm	
	Weight (incl. battery)	115 g	
Power management	Battery type	NiMHplus rechargeable battery (standard AA cell)	
	Operating hours	Approx. 72 h	
Accessories	Programming set	Programming tray with Windows-based programming software	
	Chargers	• Charger with relay and antenna connection	
		• Multi-chargers	
	Carrying aids	• Clip holster	
		• Leather carrier bag	

Subject to change without notice

protecting people