

Compact-V IE

Key features

Medium-sized, compact and robust housing design capable of interfacing with industrial Ethernet (IE) and other optional serial communications platforms

Configurable and programmable via NBB programming tools



Technical information

Communications	Single channel FSK
Safety	Multi bit address code with over a million combinations
Frequency bands	433.05 – 434.79 MHz 868 – 868.975 MHz 915 – 916.650 MHz (NA) Others available upon request
RF power	< or = 10 mW < or = 20 mW (NA)
Operating range	≤ 100 m
Antenna	External BNC connection
Command response time	15/60 ms typical
Supply power	8 – 35 VDC

Receiver specifications

Housing	Impact resistant fiberglass reinforced polycarbonate
Environmental protection	IP65
Operating temperature	-20 °C to 60 °C
Dimensions	191 x 172 x 77 mm
Weight	1.5 Kg
Diagnostic LEDs	2 - bi-color LED's for operation status and error messages

Equipment compliance

CE certification	Yes
ETSI EN 300 220-1	Yes

Controls

E-stop	1 – NO single contact forcibly guided @ 12/24 VDC 4A max PLd rated
I/O	2 – IE M12 D-code socket 1 – RX programming port
I/O data	Input: 51 bytes Output: 12 bytes
Data transfer rate	100 Mbps full duplex
Possible IE protocols	Ethernet/IP PROFINET Modbus Devicenet

Connections

Controls I/O	1 – 2.5m Pigtail harness with bare wire leads standard. Custom lengths and connections avail. 2 – IE M12 D-code socket
Programming	1 – External programming connection

Dimensions

