

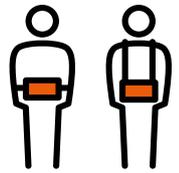


# Waist portable radiocontrol

VEDO - PUNTO - SFERA - M

# Waist portable radiocontrol

PORTABILITY  
JOYSTICK SYSTEMS:  
WAIST BELT  
SHOULDER STRAP



## VEDO



VEDO pouch with on-top and side controls, magnetic 'CONTACTLESS' hardware key (PIN ID available). CanBus, PROFIBUS, PROFINET, EtherNet/IP programmable outputs. Interchangeable lithium battery. Optional graphic DISPLAY with CODESYS (IEC 61131-3 compliant). Externally accessible code key. Modular protection perimeter.

251x167x177 mm - 1800 g (Display: 251x192x210 mm - 1980 g)



## PUNTO



Compact radio remote control for the safe control of applications with a small number of controls (e.g. small cranes); it is a valid alternative to push-button panels when lever actuators are preferred to control the handled load; can be worn with a waist belt or shoulder strap; ergonomic and lightweight for free movement.

175x140x132 mm - 950 g



## SFERA



Similar to the PUNTO model but larger, offering sufficient space for 3 two-axis or 6 single-axis joysticks, plus 5 toggle switches, removable activation key and Stop. Plenty of available space for custom configurations and all controls are always clearly visible. The shape and light weight make it comfortable to wear. The power pack is interchangeable: double battery and rapid power pack supplied.

241x148x160 mm - 1100 g



## M



The ELCA waist portable radiocontrol radio remote control with the largest available surface area. All kinds of actuators can be used: two- or single-axis joysticks, knobs and toggle switches, potentiometer controls and different kinds of buttons; up to 8 proportional outputs (28 digital or 42 digital).

285x180x200 mm - 1600 g



## Available actuators

All ELCA waist portable radiocontrol stand out for the many possible workstation configurations.

The wide variety of available actuators ensure the design of a comfortable transmitter for the operator suited for the use of the machine to be remotely controlled.

### Actuator key



FEEDBACK LEDS

BUTTON, SINGLE/DOUBLE RELEASE

ROTARY SWITCH

POTENTIOMETER

KEY / MAGNETIC "CONTACTLESS" KEY

STOP BUTTON Cat.3 PL d EN ISO 13849-1

DISPLAY

TOGGLE SWITCHES

ON/OFF - PROPORTIONAL JOYSTICKS

## Technical Data

### ELECTRONIC E

### ELECTRONIC BRAVO

Radio frequency USM band	E1	E2	E29	863,0 - 870,0 MHz opt. 433,100 - 434,775 MHz opt. 921,000 - 928,000 MHz
	433,100 - 434,775 MHz	868,0125 - 870,000 MHz	915 - 928 MHz	
Mode of transmission	LBT / FHSS	FHSS	FHSS	FHSS
Distanza di Hamming	≥ 9			≥ 15
Passive Stop time	< 0,5 s			< 0,5 s
Active Stop Time	< 0,1 s			< 0,1 s
Safety functions (with EN 13849-1): - Stop	PL d cat. 3			PL e cat. 4

## Transmitters

### E VEDO - E PUNTO - E SFERA - E M

### BRAVO VEDO - BRAVO M

Power supply	VEDO: LI-TE Li-Ion 7,4 V battery PUNTO, SFERA, M: PINC-GEH NiMH battery 7,2 V	LI-TE Li-Ion 7,4 V battery
Operating temperature	-20 / +60 °C	-20 / +55 °C
Operating range	150 m	150 m
R.F. emitted power	RF 868 / 915 MHz <25mW ERP "auto power tuning" RF 433 MHz <10mW ERP	RF 868 / 915 MHz <25mW ERP "auto power tuning" RF 433 MHz <10mW ERP
Protection degree	IP65	IP65



## Receivers

AR E MIDI A    AR E MIDI SW    AR E MAXI A    AR E MAXI SW    AR E FLEXI A    AR E FLEXI SW    AR BRAVO D

Power supply	24-230 Vac ~50/60 Hz	12-24 Vdc	48/55/ 115/230 Vac ~ 50/60 Hz	12-24 Vdc	48/55/ 110/230 Vac ~ 50/60 Hz	12-24 Vdc	9-30 Vdc
Protection degree	IP65		IP65		IP65		IP67
Dimensions (mm)	152x152x75		227x276x105		133x256x88		210x183x60
No. of available controls	up to: 12 digital	up to: - 12 digital + 3 proport. - 4 digital feedback inputs	up to: - 42 digital - 37 digital + 3 proportional - optional expansion board CanOpen/EtherNet/IP, PROFINET, PROFIBUS communication - 4 digital feedback inputs		up to: - 16/24 digital - 16digital + 6 proportional - optional expansion board CanOpen/EtherNet/IP, PROFINET, PROFIBUS communication - 4 digital feedback inputs		up to: - 36 digital, 18+8 proport. + CanOpen - 3 digital feedback inputs



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