



SENSITIVITY, PRECISION AND SAFETY

The SET-VAL range with 5 or 6 paddle-type levers or two dual-axis joysticks, fully proportional, is specially designed for the remote control of electro-hydraulic machinery. The exclusive design of the transmitter combines strength, lightness, comfort and safety using the latest technology.

The SET-VAL radio remote control comes in two versions of manipulating devices to control analogically proportional manoeuvres.



SET-VAL

Remote control for hydraulic cranes

The SET-VAL remote control enables the operator to adjust the value of analogical outputs of each manoeuvre from the transmitter itself, in an independent, precise and safe manner. The installation of an interface casing guarantees basic safety manoeuvres and enables the connection to each of the electro-valves.

The receiver has an LCD display reporting system status, providing greater safety and agility if anomalies are detected. It also has an RS-485 serial port to connect to PLCs, robots, variators or any peripheral equipment that requires information through the serial port.



TECHNICAL FEATURES Set-Val (Analogue - Proportional)

- Number of commands E-Stop + 14/22 digital up to 8 analogue
- Responding time < 50 ms
- Active emergency responding time < 50 ms.
- Passive emergency responding time 1.600 ms
- Operating range distance 100 m / 657 ft

TRANSMITTER

- Operating frequency range 433 to 434 MHz/868 to 870 MHz
- Channel spacing 25 kHz
- Modulation FM
- RF power output 10 mW P.R.A.
- Coding key FFSK
- Transmitting power consumption 80 mA
- Standby power consumption < 800µA
- Autonomy (20°C / 68°F) 16 hours
- Battery capacity and type Ni-MH 7,2V battery and 1.500mAh
- Operating temperature -20°C to +70°C / -4°F to 158°F
- Casing material Polyamide 6-6 and 15% fiberglass
- Transmitter weight 1,8 Kg / 4 lb
- Protection rating IP 65
- Operating commands 5 or 6 single-axis analogue joysticks or 2 dual-axis analogue joysticks
- Led indicators Low Battery Leds and Transmission Leds

BATTERY CHARGER

- Power requirements 24 Vdc
- Dimensions 90 x 105 x 65 mm
- Battery charging time 2,5 hours
- Charging temperature 0°C a 40°C / 32°F to 104°F
- Weight 200g / 0,44 lb



Compatible with the receivers:



IT3R22 - IT3R26 (RXV06)

- Relays output 22 (21 + Start-Horn) + 2 Stop
26 (25 + Start-Horn) + 2 Stop
30 (29 + Start-Horn) + 2 Stop
- Relays and analogue output 16 + Start-Horn + 2 Stop
+7 analogical for bipolar and unipolar voltages
- Relays Resistive load: 8A to 250Vac or 30Vdc
- Power requirements 24Vdc (-20% +15%)
- Dimensions 374x274x110 mm / 14,72x10,78x4,33 in
- Security level Category 4 - SIL3/PL 4
- Protection rating IP65



RX MF2 16

- Relays output ----
- Relays and analogue output 14 (13 + Start-Horn) + 2 Stop
+7 analogical PWM
- Relays Resistive load: 5A to 250Vac or 30Vdc
- Power requirements 24Vdc (-20% +15%)
- Dimensions 255x200x95 mm / 10x7,87x3,74 in
- Security level Category 4 - SIL3/PL 4
- Protection rating IP65



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