

FIREFLY

TS 11

A NEW GENERATION
 of **RADIO CONTROLS**



STURDY

Very compact
 and robust

CUSTOMING

Great
 flexibility

LONG RANGE

Approximately
 500m

HIGH QUALITY

Swiss precision
 technology

FireFly - TS 11

Features Description :

FireFly - TS 11 is one Radio Remote Control from the FireFly family. It's a customized push button and toggle switch mixed version for a wide range of applications.

FireFly - TS 11 includes 1 Transmitter unit, 1 Receiver unit, 1 Battery charger and 2 rechargeable batteries.

Transmitter Configuration :

- 10 Toggle Switches / 2 momentary positions
- 1 Toggle Switch / 1 on position
- Possible feedback by Leds
- 1 Emergency Stop
- 1 Key Switch
- 1 Neck Belt

...and other options available...

Technical data :

System :

Frequency band 863 – 870 MHz (20 channels)
 Typical working range 500m
 Channel management Automatic (Adaptive Frequency Agility)
 Transmitting power < 25mW ERP

System address 24 bits (16 million addresses)
 Transmission speed 5.2 kbit/s
 Response time ~100ms
 Active E-Stop response time < 100ms
 Passive E-Stop response time < 500ms
 Safety of the stop function **Up to Cat. 3 PL d**

Transmitter :

Autonomy with fully charged battery 40 Hrs
 Antenna Internal
 Protection degree IP 65
 Operating temperature -20°C to +55°C
 Dimensions 180mm x 95mm x 42mm

Receiver :

Power supply 9-30 VDC
 Protection degree IP 65
 Antenna External rugged antenna
 Number of outputs 16 HS Switches + 1 PWM + 1 SPDT Relay
 Outputs rated current 4A
 E-Stop outputs rated current 6A
 Operating temperature -20°C to +70°C
 Cabling Cable gland
 Dimensions 120mm x 110mm x 40mm

Battery :

Technology Rechargeable lithium-ion polymer battery
 Capacity 2000 mAh / 7.4 Wh
 Voltage 3.7V nominal (4.2V to 3.0V)
 Protection degree IP 65
 Operating temperature (discharging) -20°C to +60°C
 Operating temperature (charging) 0°C to +45°C
 Dimensions 75mm x 30mm x 18mm

Battery charger :

Power supply 9-30VDC or 100-240VAC
 Battery slots 2
 Max. power consumption 25W
 Charging time 3 Hrs max.
 Protection degree IP 40
 Dimensions 120mm x 120mm x 40mm