

# SKY- 502 (INTRINSICALLY SAFE)



## Introduction

Radio remote control transmitter hand held upto 10 push buttons. Model **SKY-502** Works on 3Volts batteries are suitable for **Intrinsic Safety** in accordance to standard IS/IEC 60079-0-2004 & IS/IEC 60079-11-2006 suitable for gas groups IIA,IIB and IIC atmosphere only.



## Technical Specification

Actuators in SKY-502 Transmitter	10 Double speed push buttons +Start/Alarm + Stop
Operating Frequency	433 - 434 Mhz
Channel Spacing	25 KHz
Modulation	FM (4GFSK/2GFSK)
RF Power Output	10 mW
Coding Key	FFSK
Power Consumption	<15mA
Standby Power Consumption	<1 mA
Battery Capacity	3V DC,(2x1.5V AA Size) Alkaline
Operating Temperature	-20°C to +70°C
Weight	300gms (without battery)
Dimensions (mm)	194 (H) X 50 (W) X 59 (B)
Ingress Protection	IP 54 IS/IEC 60079:2001
Zone	ZONE 1, Gas Groups I, IIA, IIB
Enclosure	Thermoplast (Glass Filled Nylon)
Standard	IS/IEC 60079-0:2011 IS/IEC 60079-11:2013 IS/IEC 60529:2014
Certificate No	CIMFR / TC / P / 801 Date - 08/11/2015 Central Institute of Mining & Fuel Research Dhanbad
PESO Certificate No	A/P/HQ/GJ/104/5699 (P455000) Date -26/09/2019
BIS Licence No	CM/L-72001 54909



## Features

Communication	Unidirectional and Bidirectional configuration based on requirement
Emergency STOP	2 NC contacts for EMS (EN-954-1 Safety Standard)
Range Adjustment	Operating Range Adjustable from 20m, 30m,....Upto 100m Standard 100m)
Close START	Only START functional adjustable from 20m,30m,....upto 100m (Standard 100m)
Pairing	Any transmitter to Any receiver pairing facility available
Indications	LED Indication for Battery LOW, Transmission and Error status
ID Code	Unique ID Code to avoid interference
Antenna	Internal Antenna on Transmitter
Keyboard Locking	Transmitter Keyboard Locking Provision on request
Relay Assignment	Configurable Relay assignment available
Interlocking	Configurable Relay Interlocks available
Idle Time	Configurable Idle Time out (Standard 60min)