



# OI-5950-X-X-O WireFree Switch State Transmitter

## *Explosion Proof Dual-Switch Switch-State Transmitter*

The Otis Instruments OI-5950 Dual-Switch Switch-State Transmitter is a WireFree explosion-proof battery-powered device that receives signals from up to two individually-addressable switches and transmits the state and changes in state (on or off) of those switches to its corresponding monitor or controller within the network. The OI-5950 can be used in conjunction with many sensor types, including flame, temperature, pressure, or tank level.



GEN<sup>2</sup>

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Product Specifications	
Product Type	Switch-State Signal Transmitter
Power Type	Battery-Powered
Operating Voltage	3.6V (19 Ah) Lithium-Thionyl Chloride (Li-SOCl <sub>2</sub> ) Battery, with Connector (Non-
Battery Life	Up to 2 Years (Varies w/ Settings)
RF Connection	External N-Female Radio Frequency (RF) Connector
Display Screen	102x64 Resolution Graphical LCD Screen
Interface	3 Push-Buttons (MENU, ADD, and SUB) 3 Magnetic Non-Intrusive Switches for Calibration (MENU, ADD, and SUB)
Customizable Settings	Adjustable Communication Transmission on Change Setting
T <sub>amb</sub> Temperature Range	-40°C to +60°C (-40°F to +140°F)
Input	Connectivity for up to 2 Switches
WireFree Radio Options	GEN II 900 MHz Radio GEN II 2.4 GHz
Networks	52 Networks (GEN II 900 MHz Radio) 78 Networks (GEN II 2.4 GHz Radio) 255 Addresses per Network
Enclosure Material	Aluminum Device Enclosure
Product Dimensions	5.42 in. L x 6.03 in. W x 12.16 in. H (Max. Dimensions w/ Attachments)
Total Weight	4.8 lbs.
Product Mounting	Wall Mount (Included)
Component Certified	CSA Component Certified Explosion/Flame-Proof
Hazardous Location Certifications and Approvals	Class 1, Division I, Groups A, B, C and D Class II, Division 1, Groups E, F, G Class III
Hardware Warranty	1-Year, Limited
Part Number Formula	OI-5950-[Radio]-[X]-[Enclosure]-[Optional No Battery]