

EXPLOSION PROOF REMOTE CONTROL MONITOR

Monitor Model: SD-EXM-100B

DESCRIPTION:

Remote Control Monitor normally consists of monitor, terminal box, main control panel & joystick. The main control panel controls the vertical and horizontal movement of the monitor, fog/straight stream of the nozzle

FEATURES

- Fog and straight stream
- Main power: 240V AC / 50 (or 60) Hz
- Set consists of: monitor, nozzle, terminal box & control panel
- Finishing shall be hard anodized



APPLICATION

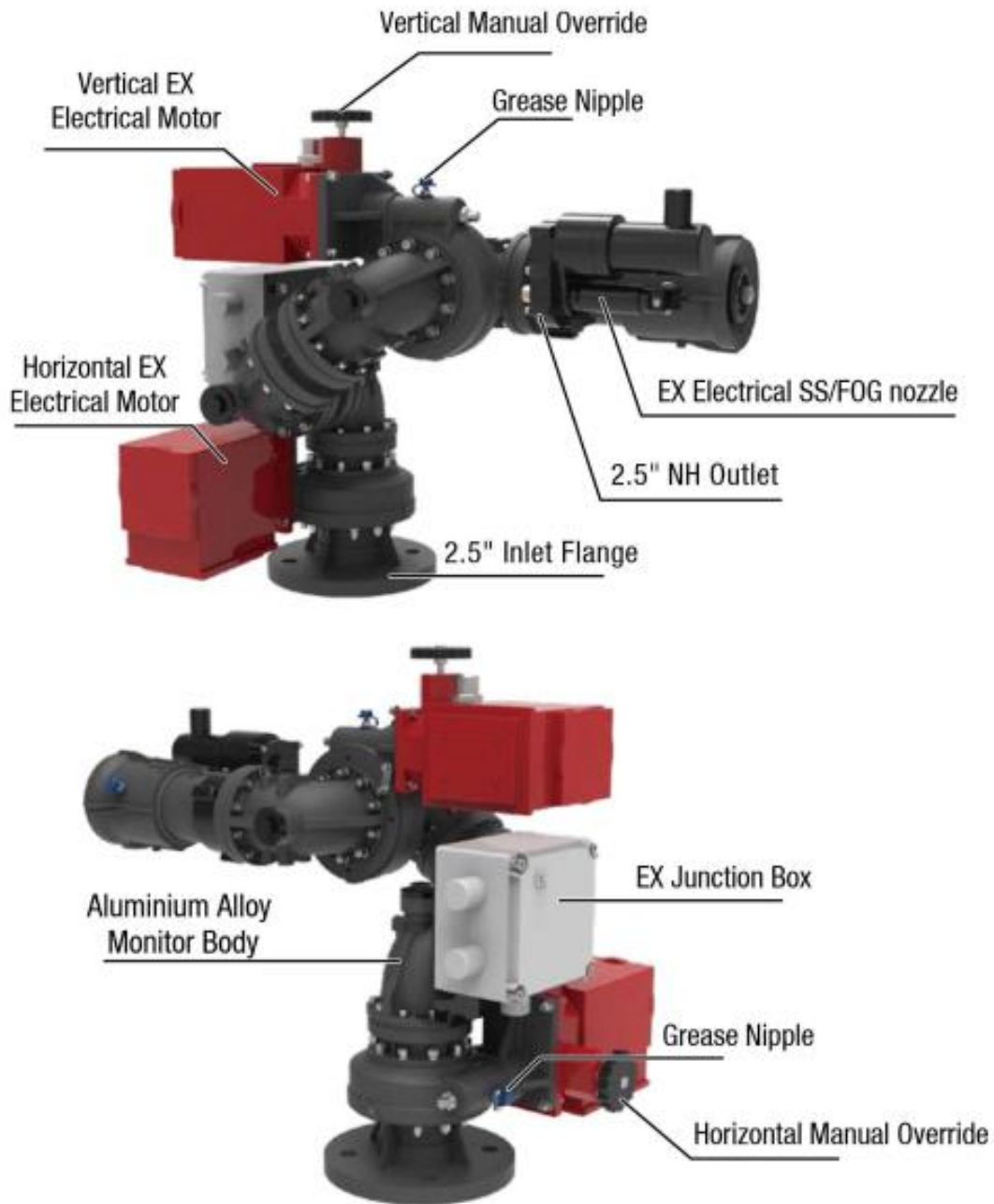
For total flooding applications Petrochemical plant, Jetty area, mining region, etc.

TECHNICAL DATA

Model	SD-RMC20EX-B	SD-RMC30EX-B	SD-RMC40EX-B	SD-RMC20-40EX-B
Working pressure	8bar	8bar	8bar	8bar
Flow rate	1200Lpm	1800Lpm	2400Lpm	1200-1800-2400Lpm
Max. Reach@8bar	≥53m	≥60m	≥65 m	≥65m
Flow tolerance	± 8%			
Rotation horizontally	360°			
Elevate vertically	-90°~+90°			
Horizontal speed	24°/sec			
Vertical speed	10°/sec			
Power supply	AC 220 V is standard			
Power consumption	Standby 15W, Max. 135W			
Max. Fog angle	120°			
Material	Monitor Body & Nozzle: Hard coated anodized aluminum alloy			
Weight	Approx. 30Kgs.			
Inlet flange	4-inch (DN100) flange PN16			
Explosion proof class	Exd IIB T4 Gb			



PARTS

Part list of explosion Proof Electrical Control Monitor Consists as below:



COMPONENT LIST

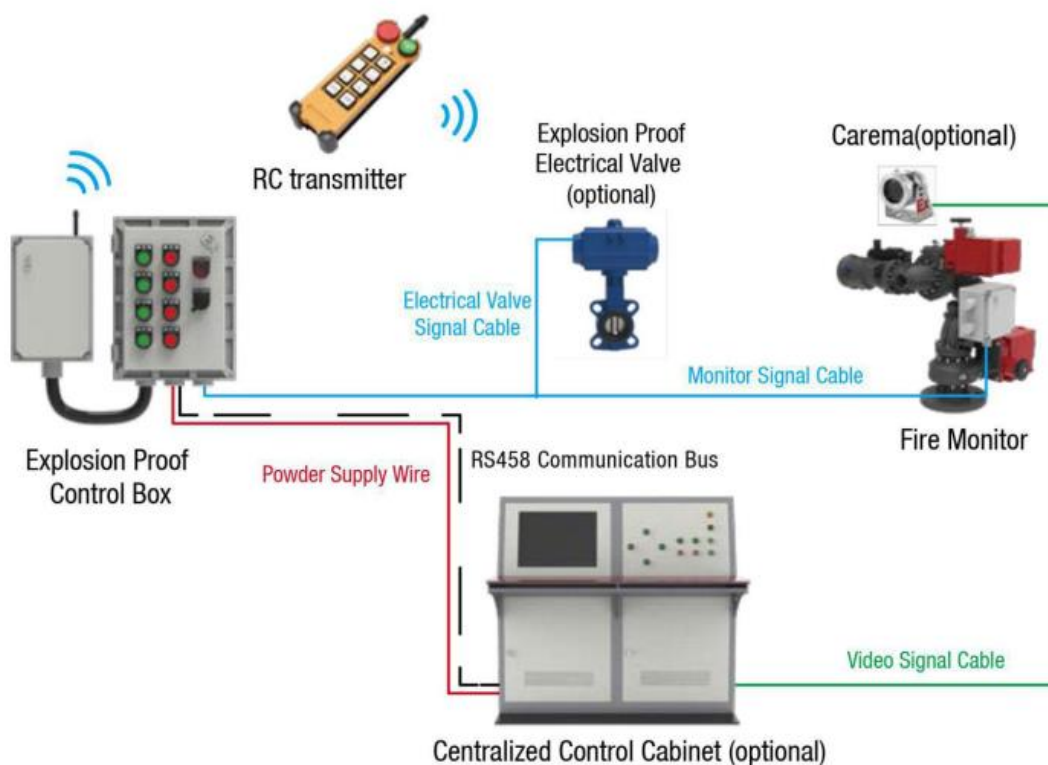
NAME	Explosion Proof Monitor Body	Foam/Water Nozzle
IMAGE		
MODEL	SD-EXM-100B	SD-RMC20EX-B SD-RMC30EX-B SD-RMC40EX-B SD-RMC20-40EX-B Explosion Proof Class Exde II CT4 Gb Working Pressure: 8 bar 2.5-inch NH inlet
DESCRIPTION	2.5-inch waterway	
	DC 24V Electrical motor Explosion Proof Class Exde II CT4 Gb	
	SS304 Worm, Aluminum Gear	
	4 inch/DN100 Inlet flange	
NAME	Explosion Proof Control Box (Standard)	RC Transmitter (Standard)
IMAGE		
MODEL	SD-EXCB	SD-RCT
DESCRIPTION	Standard Control Box for Industrial Use	Max. 150 meters RC Distance
	Explosion Proof Class Exde II CT4 Gb	IP65 Standard Sealed

NAME	Explosion Proof Electrical Valve (Optional)	RC Transmitter (Standard)
IMAGE		
MODEL	EX-DN100	SD-CTRL
DESCRIPTION	DC 24V	Standard piano platform cabinet
	4 inch / DN100	Remote centralized control
	Rating Power 15W	C/W Explosion proof camera, available for video playback.

**NOTE: In line with NAFFCO policy for continuous product development, NAFFCO has the right to change specifications without prior notice*

SYSTEM WIRING

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