

iSensys

# SANDALERT MONITOR

## Technical Specifications:

Oil and gas well operators know how important it is to maintain production at optimum levels, and an important part of that optimization is a clear and accurate measurement of solids production. The iSensys SandAlert provides the robust, dependable measurement of solids within the production stream — so well operators can be confident that they are operating as efficiently as possible.



### PHYSICAL: MOUNTING OPTION SPECIFIC

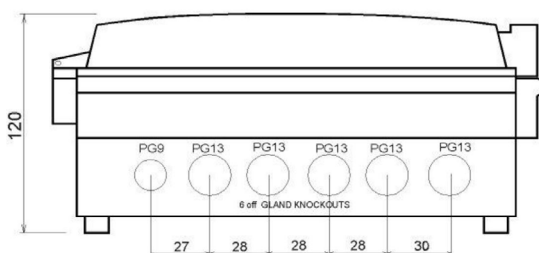
Mounting Option:	Standard Wall Mount:	Panel Mount:	Rack Mount:
<b>Dimensions:</b>	240 mm x 184 mm x 118 mm (9.44 in x 7.2 in x 4.64 mm)	72 mm x 144 mm x 176 mm (9.44 in x 5.66 in x 6.9 in) deep	3 U high x 10 HP wide (128.5 mm x 50 mm x 160 mm (5.05 in x 1.9 in x 6.29 in) deep)
<b>Weight:</b>	1 kg (2.2 lb)	1 kg (2.2 lb)	1 kg (2.2 lb)
<b>Case Material:</b>	Polycarbonate, flame resistant to UL94 V2		
<b>Ingress Protection:</b>	IP65	Optional IP65	

### COMMON FEATURES

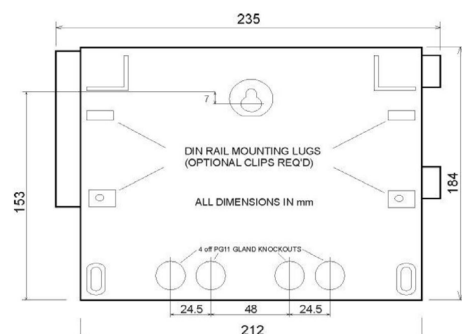
<b>Temp. Range (Electronics):</b>	-20 °C to +60 °C (-4 °F to 140 °F)
<b>Flammable Atmosphere:</b>	Safe area
<b>Analog Outputs:</b>	4-20mA / 0-20mA into 500 Ω (user programmable and adjustable), 0.1% resolution.
<b>Digital Outputs:</b>	RS232 via RJ11 port
<b>Relays:</b>	3 Form 'C' SPDT rated at 5 A at 240 V. Trip point from 0-100% of range
<b>Communications:</b>	RS485 Modbus RTU protocol
<b>Electrical Supply:</b>	110/240 V AC, 50/60 Hz or 24 V DC. Power consumption 10 W

### OPTIONAL STAINLESS STEEL ENCLOSURE

<b>Description:</b>	SandAlert Exd 316 Stainless Steel Enclosure c / w Window
<b>Dimensions:</b>	400 mm x 280 mm x 180 mm (15.7 in x 11.02 in x 7.09 in)
<b>Certifications:</b>	ATEX IECEx - Ex db IIB Apparatus Certified Zone (Suitable for use in Zone 1 / 21 Areas)



SandAlert Monitor Wall Mount Cable Entry



SandAlert Monitor Wall Mount Back Drawing