

# SX8 Stainless Steel Enclosures

IP66

The SX is a highly durable stainless steel enclosure designed for use in the most demanding and hazardous environments.

- Manufactured from marine grade 316L stainless steel
- Ingress protection to IP66
- Option for IP67/68
- High Level of Impact (IK10)
- High ambient temperature range



## Enclosure Ratings

Product Reference	Width (mm)			Height (mm)		Depth (mm)	Weight (kg)
	X	X (H)	X (M)	Y	Y (M)	Z	
ESSX8140	800	880	736	1250	1186	140	40.0
ESSX8200	800	880	736	1250	1186	200	52.0
ESSX8300	800	880	736	1250	1186	300	72.0

## Standard Specifications

Material	Marine grade 316L (1.404) stainless steel with silicone gasket and stainless steel fixings					
Material Thickness	Enclosure/Door: 2mm Gland Plates: 3mm					
Ingress Protection	IP66 (as standard, IP67/68 & Type 4X option available)					
Impact Resistance	IK10					
Ambient Temp Rating	Hazardous Area: -50°C to +175°C Non-Hazardous: -60°C to +200°C					
Earthing	Earth Stud fitted to Door and Gland Plates					
Terminal Quantities	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35
	1100	915	705	560	470	350
Certification	Type of Protection			Equipment Coding		
	Ex eb (Increased Safety)			Ex eb IIB/IIC Gb		
	Ex tb (Dust Protected)			Ex tb IIIC Gb		
	Ex ia/ib (Intrinsic Safety)			Ex ia IIB/IIC Ga, Ex ib IIB/IIC Gb		
	Ex ta (Dust Ignition)			Ex ta IIC Da		
	Ex op is/pr (Optical Radiation)			Ex op is IIB/IIC, Ex op pr IIB/IIC T4 Gb		
Certificate Numbers	IECEX			IECEX CML 14.0047X		
	ATEX			CML 14ATEX3123X		
	UKEX			CML 21UKEX3109X		
	ECAS Ex (UAE)			24-06-23146/Q24-06-049342/NB0007		
	InMetro (Brazil)			NCC 24.0069 X		
	NEC Class 1 Zone 1			E115516		
	NEC Class 1 Division 2			E115516		
	TRCU (Eurasian Customs Union)			RU C-GB.HA65.B.01696/23		

## Gland Entry Matrix \*

Size	Side A – C		Side B – D	
	140	200	140	200
M16	45	90	72	150
M20	36	60	58	100
M25	18	45	30	72
M32	12	24	20	40
M40	10	20	17	32

\*Using standard gland clearances.

### Drilling Envelope Dimensions

Size	Side A – C		Side B - D	
	140	200	140	200
Width (mm)	735	735	1165	1165
Height (mm)	75	135	75	135

\*With gland plate fitted.

## Accessories

Gland Plates (available on all sides)

Rear entries

Electro-polished external surfaces

Epoxy powder coated, smooth finish (RAL colour may be specified)

Anti-condensation heater

Component Mounting Plate

Breather Drain

Internal earthing bar

## Dimensions

