

Nautilus Submersible Enclosure

The Nautilus is a terminal enclosure that combines Ex e hazardous area certification with an unparalleled level of ingress protection. Primarily designed for submersible applications. The Nautilus is certified IP68 at 100 metres for five days to EN60529.

Manufactured from 316L Stainless Steel to provide the maximum level of environmental protection under harsh conditions, the Nautilus is suitable for use in Zone 1 hazardous areas.



IP68



Product Specification

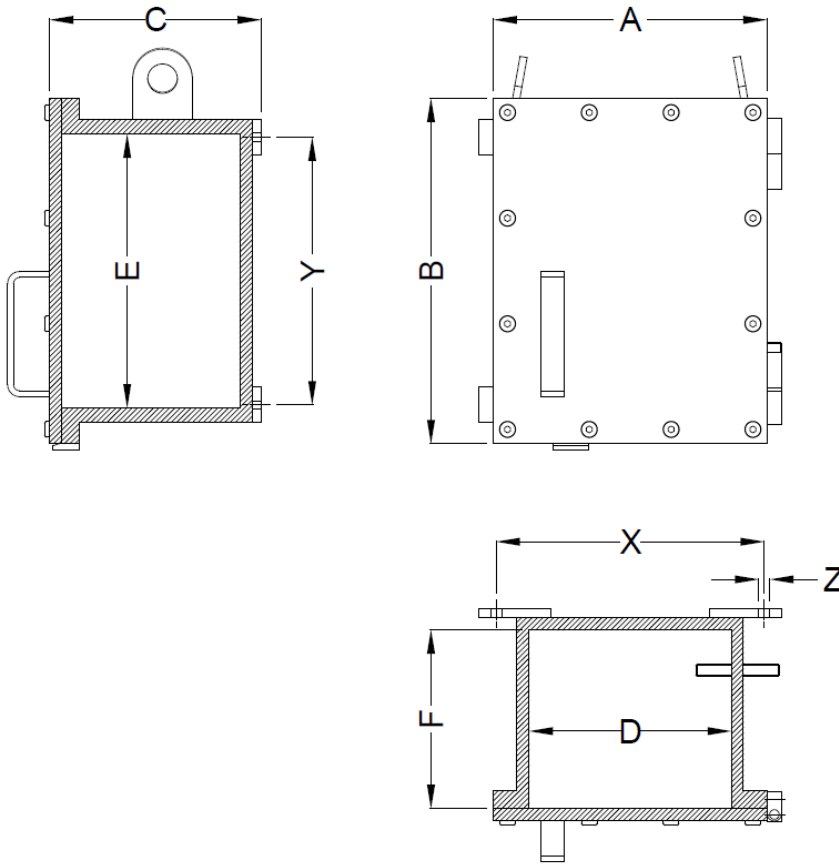
Apparatus Type	Submersible terminal enclosure
Ingress Protection	IP68 to EN60529 100m for 5 days 50m for 14 days
Material	316L Stainless Steel enclosure with lifting eyes, 316 Stainless Steel hinges and fixings
Components	Ex e certified terminals
Voltage Rating	As per terminal
Cable Entry	Variable entry combinations on any of the 4 sides
Mounting	Via rear mounting lugs (see dimensional data overleaf)
Certification	
Area Classification	Group IIC Category 2 GD (Zone 1/21 and 2/22)
Type of Protection	Ex e (Increased Safety), Ex ia, Ex ib (Intrinsically Safe), Ex ta, Ex tb (Dust)
Apparatus Coding	Ex e IIC T5 Gb, Ex tb IIIC T100°C Db, Ex ib IIC T5 Gb, Ex tb IIIC T100°C Db, Ex ia IIC T5 Ga, Ex ta IIIC T100°C Da
Ambient Temperature	-50°C to +55°C
Certificate Number	CML 14ATEX3021X, IECEx CML 14.0008X

Options

RALXXX	Paint Finish (any RAL colour)
SSMP	Mounting Plate (Stainless Steel)

Add the required suffix to the product reference, for example NAUT4RAL7001

Enclosure Dimensions & Ratings



Nautilus Model	EXTERNAL Dimensions (mm)			INTERNAL Dimensions (mm)			FIXING Dimensions (mm)			Weight (kg)	Max Power Dissipation (W)	
	A	B	C	D	E	F	X	Y	Z		Ga,Gb,Db	Da
NAUT1	174	204	109	100	130	80	160	114	11	11	9.3	4.65
NAUT2	244	304	172	170	230	140	230	154	12.5	29	19	9.5
NAUT3	244	414	172	170	340	140	235	264	12.5	38	22	11
NAUT3A	294	414	172	220	340	140	289	264	12.5	44	29	14.5
NAUT4	284	474	222	210	400	190	291	324	12.5	53	32	16
NAUT5	324	424	222	250	350	190	327	274	12.5	54	32	16
NAUT6	390	470	233	310	390	190	393	320	12.5	86	36	18
NAUT7A	350	610	255	270	530	210	353	460	12.5	103	42	21
NAUT7B	450	510	255	370	430	210	453	360	12.5	108	42	21
NAUT8	480	570	255	400	490	210	483	420	12.5	124	44	22
NAUT9	330	710	255	250	630	210	333	560	12.5	113	44	22
NAUT10	420	770	295	340	690	250	423	620	12.5	155	50	25
NAUT11	660	1110	445	570	1020	390	655	960	17	468	68	34

Other sizes available on request.