Power & Signal Penetrator



Bruce Systems 12- Cores Power & Signal Penetrator has been designed for use on electrical route through pressure vessels and equipment. It has been specifically designed to withstand both gas an hydrostatic pressure, in line with the requirements of DNV rules for classification of diving systems. The 12-way penetrator's body, on its standard configuration, is manufactured in stainless steel (AISI 316 L); optional materials are available. Penetrators can be designed and manufactured entirely according to client requirements, therefore the connection types and dimensions, cable characteristics, penetrator body material, and type and colour of the over-molding resins can be customised according to the specific applicable requirements. This robust design makes it the ideal choice for equipment.

STANDARD SPECIFICATIONS:

Connection:	¾" NPT
Max contact configuration:	12 pin
Core size:	1 mm2
Pigtail length (inner area):	2 m
Cable length (outer area):	12 m
Design temperature:	-5 ÷ +55°C
Operating max depth:	300 msw
Test pressure:	63 bar
Test voltage:	500 VAC
Max current:	4 A

Classification: DNV-DSS-105 / DNV-OS-E402

Order code: BS-12C-PSP-SS-NPT

OPTIONAL EXTRAS:

Body material [BM]	Brass [OT]
	Titanium [TI]
	Stainless Steel [SS]
Connection types [CT]	1" NPT :[1NP]
	M36x2: [M36]
	3/4"NPT: none
Other class [CS]	Lloyd's Register: [LRS]
	American Bureau of Shipping: [ABS]
	DNV-GL: none
Cable lenghts [CL]	XX m
Pigtail lengths [PL]	YY m

Order code: BS-12C-PSP-[BM]-[CT]-[CS]-[CL]-[PL]

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