DDC SIGNAL PENETRATOR 300MSW

DESCRIPTION:

Our **18-WAY DDC SIGNAL PENETRATOR 300 MSW** has been designed for use on electrical paths through pressure vessels and equipment. They have been specifically designed to withstand both gas and hydrostatic pressure, in line with the requirements of DNV rules for classification of diving systems.

The penetrator's body, on its standard configuration, is manufactured in stainless steel (AISI 316L). Alternatively, it can be manufactured on request in both Brass and Titanium (optional).

Penetrators can be manufactured entirely according to client requirements, therefore the connection types and dimensions, cable characteristics, penetrator body material, and type and color of the molding resins can be customised according to the specific applicable requirements.

Inner and outer cables are composed 6 TSPs (Twisted Shielded Pairs), each one having its independent shield passing through the penetrator. This robust design makes it the ideal choice for signal communications such as clear analog voice and video communications, fast serial links and even Ethernet links up to 100 Mbps (megabits per second).

STANDARD 1" NPT Dimension	
Maximum contact configuration	18 pin
Wire size	0.5 mm²
Pigtail length (inner area)	2 m
Cable length (outer area)	12 m

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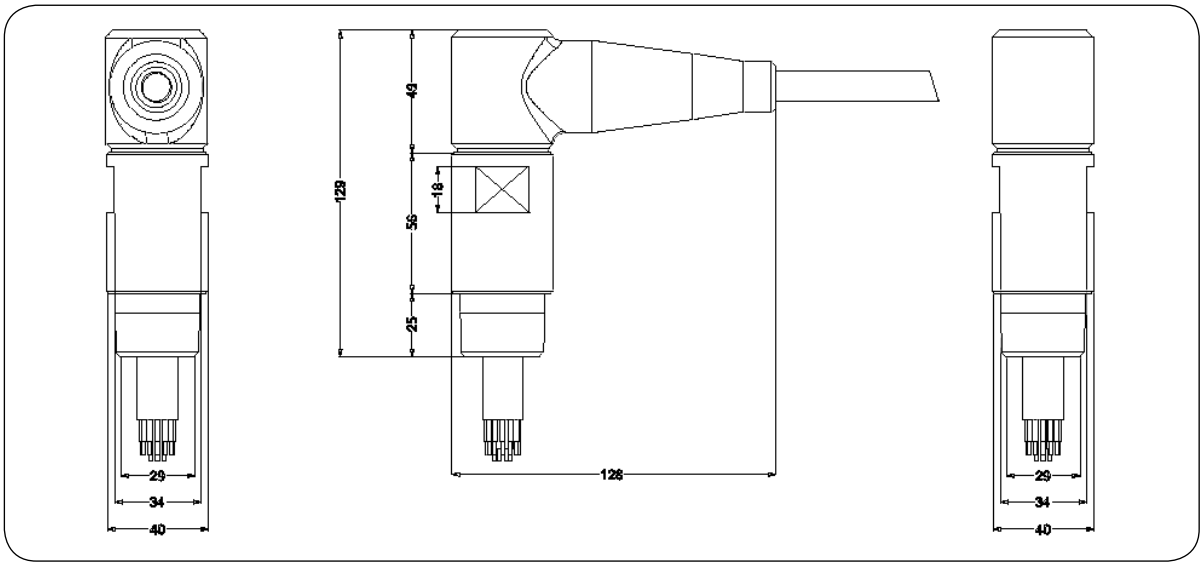
Environmental data	
Design temperature	-5 ÷ +55° C
Operating max depth	300 msw
Test Pressure	63 bar
Electrical Characteristics	
Nominal voltage	24 VDC
Maximum current	2 A
Classification / Certification	
DNV-DSS-105 / DNV-OS-E402	
Optional Extras	
Different cable and pigtail lenghts	On request
Different connection types and dimensions	On request
Penetrator Body - Brass or Titanium (other than AISI 316L)	On request
ABS design, manufacture and test	On request
Lloyd's design, manufacture and test	On request



COMMERCIAL CODE	DESCRIPTION
97CE-02-01-01-00-00	18-Way DDC Signal Penetrator 1" NPT (300 msw)