DATA SHEET

Product: Pilot Plug AIS with 1.5m cable
p/n: 100 1044

AIS Pilot Plug – housing with 4 mounting holes, ready made with 1.5 m cable; low smoke, halogen free

PIN	COLOUR/FARBE	SIGNAL
1	Brown/Braun	Tx - (out A)
4	White/Weiss	Tx + (out B)
5	Red/Rot	Rx - (in A)
6	Black/Schwarz	Rx + (in B)
9	Green/Grün	GND

Note: A pilot input/output port is part of an AIS Class A installation. A plug connected to this port should be installed on the bridge near the pilot's operating position, so that a pilot can connect a Personal Pilot Unit (PPU) if required. Also, a power connector for the pilot unit should be available nearby.
The pilot plug should be configured as follows (refer to SUB-COMMITTEE ON SAFETY OF NAVIGATION Circ. 227/6.1.2003):
https://wwwcdn.imo.org/localresources/en/OurWork/Safety/Documents/AIS/SN.1-Circ.227.pdf

Cable Specification:
Environmental: Indoor
Conductor: 5x 22 AWG (diameter: 0.75 mm)
Insulation: PP – Polypropylene
Shield: Aluminium/Polyester
Outer Jacket Material: LSZH/FRNC
Cable diameter: 4.4 mm
Operating Temp: -20°C to +70°C
RoHs :   compliant
ISO/IEC flammability :   IEC 60332-1
Amount of Halogen acc. To IEC 60754-1 and EN50267-1: Zero

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