

NON-CONTACT UNDERWATER POSITION DETECTION

Compact magnetic proximity switch for valve, actuator and submerged mechanism position feedback. A moving target changes the volt-free contact state without touching the sensing face.

SWITCH SPECIFICATION

Feature	Specification
Part number	DL-PS-B33-1A-NAN6-SS
Mounting	M12 x 1.0 thread
Switch body	316L stainless steel
Connector body	Titanium
Subsea interface	Nano, 6-pin male, inline
Output / contact form	Volt-free dry contacts / Form C SPDT
Switching load	Up to 1 A at 24 VDC
Power requirement	No external power to switch
Sensing range	12 mm when paired with MT-01 target magnet
External pressure	700 bar
Depth rating	Approx. 7,000 m seawater
Operating temperature	-40 to +60 °C
Environment	Continuous submersion

Supply: switch only. MT-01 magnetic target is optional. Mating connector and cable assembly are not included. Pinout shown at right is the male mating-face view.

Colours refer to the inline mating cable in the supplied reference. Cable assembly is not included with the switch.

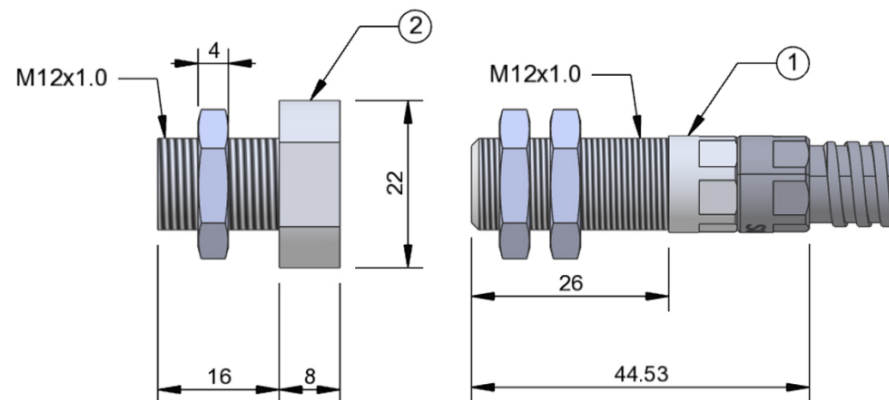


DL-PS-B33-1A-NAN6-SS

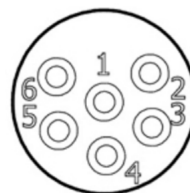
SWITCH & OPTIONAL TARGET

Ref	Part number	Description
1	DL-PS-B33-1A-NAN6-SS	M12 proximity switch - Nano connector
2	MT-01	Magnetic target - optional; order separately

DIMENSIONAL DRAWING / DIMENSIONS (mm)



PINOUT / MALE MATING FACE



Pin	Cable colour	Function
1	Black	Common
2	White	Not used
3	Red	Normally open
4	Green	Not used
5	Orange	Normally closed
6	Blue	Not used