

SubConn® Nano

6 contacts

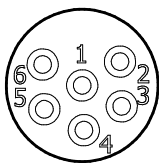
Connector specifications

Voltage rating	300 V DC/AC rms
Contacts current rating	3 A per contact (max 10 A per connector)
Insulation resistance	200 MΩ
Contact resistance	< 0.01 Ω
Wet/splash matings	>500
Temperature rating (water)	-4 to 60°C, 25 to 140°F
Temperature rating (air)	-40 to 60°C, - 40 to 140°F
Storage temperature rating	40 to 60°C, - 40 to 140°F
Qualified pressure tested	700 bar (open face)
Open face rated	700 bar

Material specifications

Connector body	Chloroprene rubber, Titanium
Bulkhead body	Titanium
Contacts	Female sockets in gold plated brass UNS - C36000 Male contacts in gold plated beryllium copper
O-rings	Nitrile
Locking sleeves (NAT6F)	Anodised titanium
Locking sleeves (NIL6)	POM
Bulkhead leads (12")	24 AWG, 0,2 mm ² coloured PTFE

Face view (male)



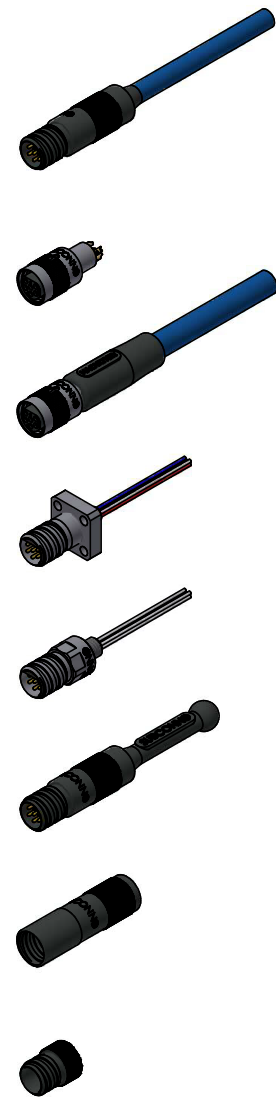
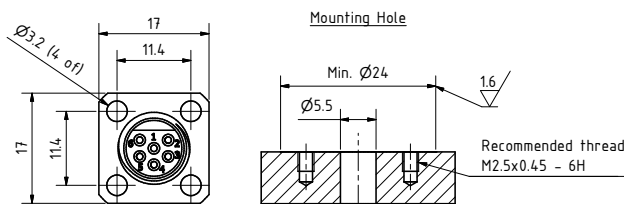
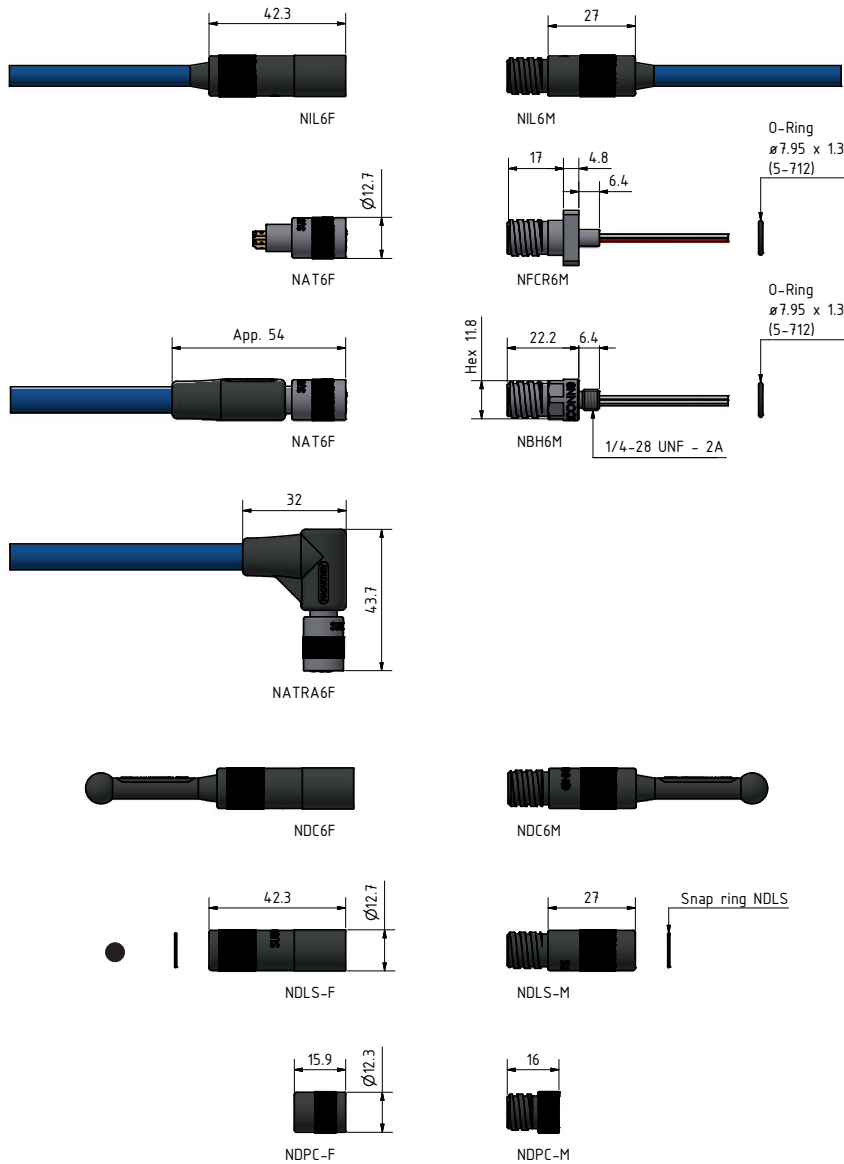
Inline cable colour code

1-2 Black/white*	3-4 Red/Green*	5-6 Orange/Blue*
------------------	----------------	------------------

* Twisted pairs

Leads colour code

1 Black	3 Red	5 Orange
2 White	4 Green	6 Blue



Drawing information

Dimensions in mm (1 mm = 0.03937 inches)
Threads in inches (1 inch = 25.4 mm)