



Product Specifications

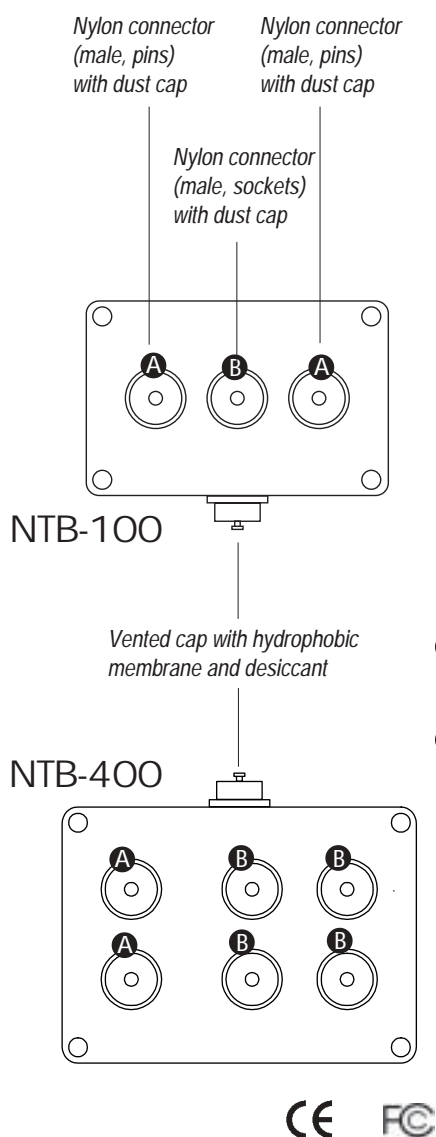
Catalog No. 24110, 29000



NETWORK BOXES

T-BOX, NTB-100

QUAD BOX, NTB-400



APPLICATION

Environmental enclosure with a 12 VDC to 6 VDC switching power supply. Links individual instruments into a network. Vented, water-resistant but not completely waterproof. Provides lightning suppression. Connects to instruments with quick-connect submersible cable and to additional network boxes with network interconnect cable.

PHYSICAL DESCRIPTION

Material	Aluminum case
Dimensions (H, W, D) NTB-100	56 x 121 x 80 mm (2.25 x 4.75 x 3.125 in)
NTB-400	76 x 147 x 107 mm (3.00 x 5.80 x 4.23 in)
Wetted materials	Weather-resistant, not designed for submersion
Temperature range	-40°C to 70°C (-40°F to 158°F)
Max. boxes in network	32

SIGNALS

Voltage	≤ 14 VDC
Communication	RS485

CONNECTIONS

- A** Two connectors are labeled for "Network" connections. These connectors mate with network interconnect cable or network extension cable.
- B** This connector is for Quick-Connect submersible cable.

ACCESSORIES

	CATALOG NO.
Network interconnect cable	27700-01-02
Network extension cable	27700-01-01
Submersible cable, vented	21450
Submersible cable, non-vented	31450

CONSUMABLES

Vented cap with hydrophobic membrane, indicating desiccant & o-ring	
Single cap	27550
Pack of 5	27480

Indicating desiccant (pack of 10 with o-rings)	29040
Connector dust cap, female (connectors A, B)	23000
Connector o-ring for socket insert (connector B)	27460

GUIDELINES & PRECAUTIONS

- A protective enclosure is recommended for complete water-resistance.
- Maximum network cable length is 4000 ft (1219 m): sum of submersible cable, network interconnect cable, and network extension cable (if used).
- Replace the vented cap when the indicating desiccant appears white.
- Replace the connector o-ring if it appears cracked or warped.

