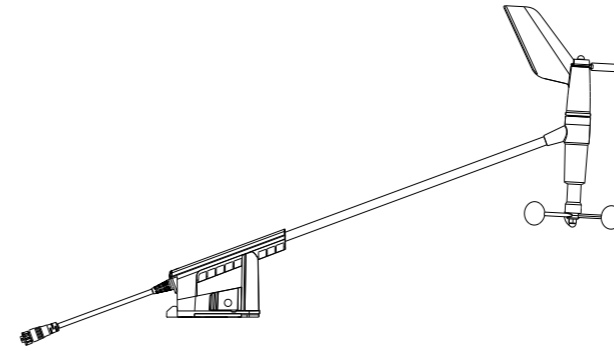IMPORTANT. Do not use this template if it has been rescaled by copying or printing. If this is not the original, or is a print from a file, please check the dimension lines below are to scale before use.
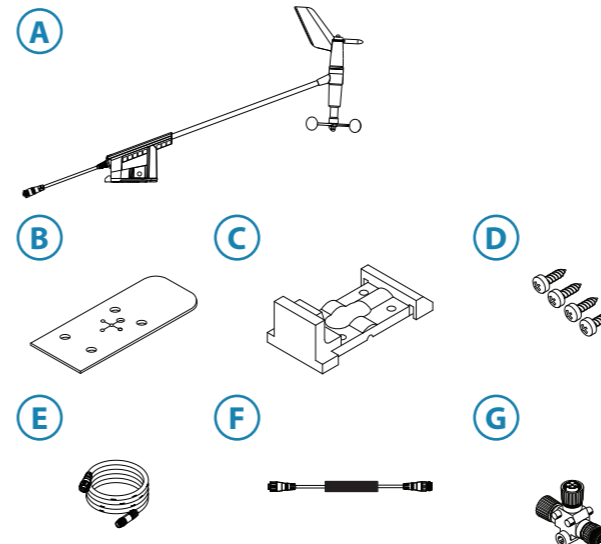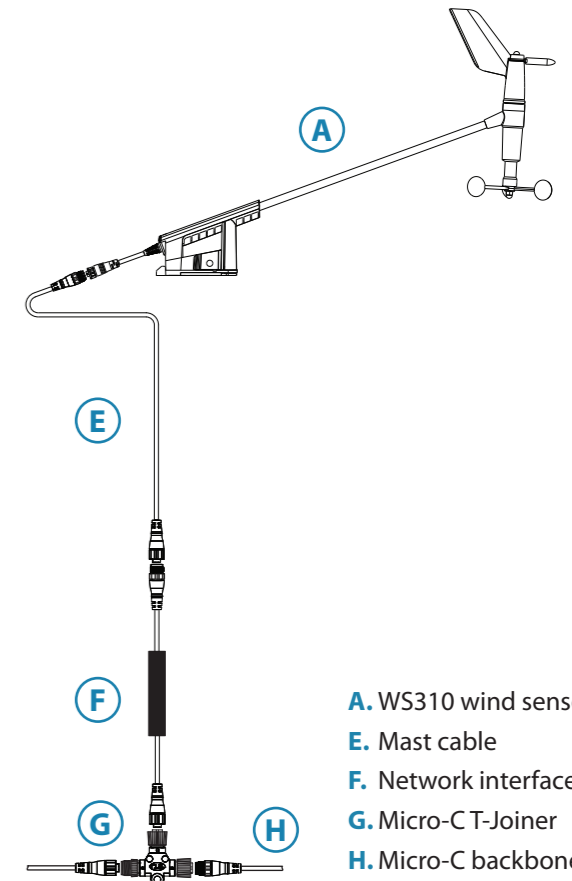
Check dimensions before cutting

10"

250 mm

B&G

WS310 WIND SENSOR INSTALLATION GUIDE

Warning: The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This product complies with:

- The requirements of level 2 devices of the Radiocommunications (Electromagnetic Compatibility) standard 2017.
- CE under EMC Directive 2014/30/EU

For product manuals, technical specifications, certificates and declarations refer to the product website:

www.bandg.com

988-12013-001

Parts Included

	Wind pack	Sensor only
A. WS310 wind sensor	x	x
B. Gasket	x	x
C. Masthead bracket	x	x
D. Screws 4x No.10 x 5/8	x	x
E. Mast cable	x	
F. Network interface	x	
G. Micro-C T-Joiner	x	

Wiring

A. WS310 wind sensor
E. Mast cable
F. Network interface
G. Micro-C T-Joiner
H. Micro-C backbone

Attaching the wind sensor
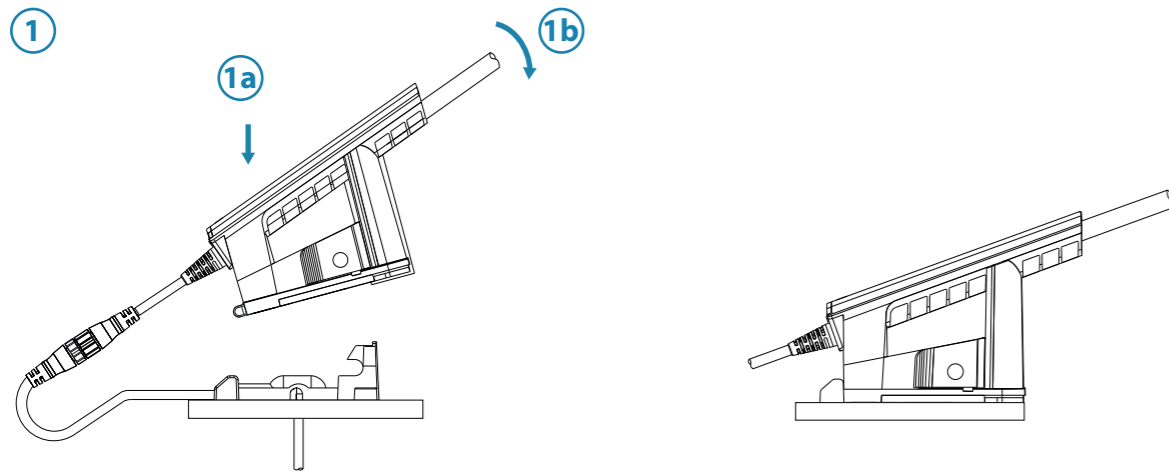
Removing the wind sensor
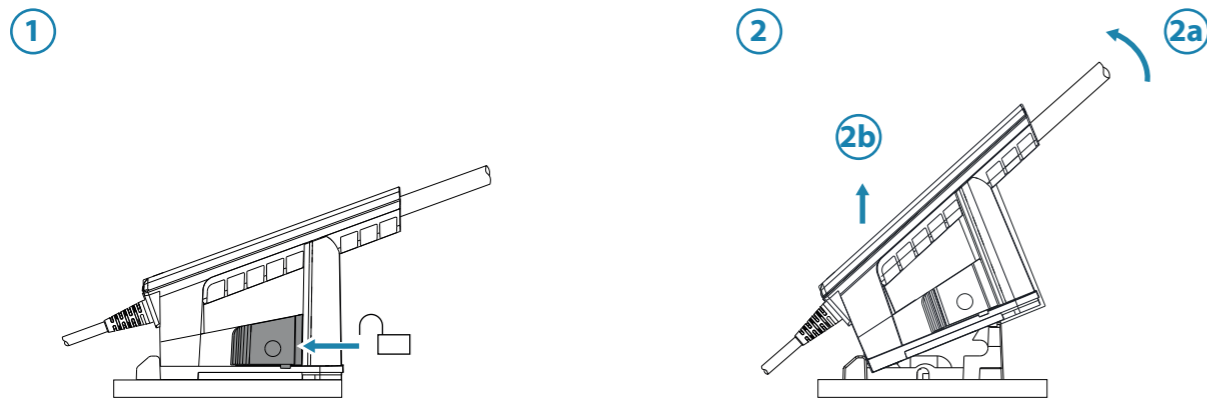
Technical specifications

WS310	
Weight	0.30 kg (0.66 lbs)
Cable length options	20, 35, 50 & 80 meters (66, 115, 164 & 262 ft)
Waterproof	IPx6 & IPx7
Operating temperature	-25°C to 65°C
Power usage	15 mA at 12 V DC
Wind speed resolution	0.05 m/sec (0.1 Knots)
Wind speed accuracy	+/- 0.1 m/sec (0.2 kt) from 1 - 40 m/sec (2 - 80 kt)
Wind speed range	0.25 - 50 m/sec (0.5 - 97 knots)
Wind angle resolution	0.1°
Wind angle accuracy	+/- 0.5°
Data output	NMEA0183 'MWV,R' sentence at 10Hz

Mounting template 1/2

FORWARD

40.5 mm (1.60")

46.82 mm (1.84")

36 mm (1.42")

19 mm (0.75")

PRODUCT OUTLINE

10 mm (0.40")

20 mm (0.78")
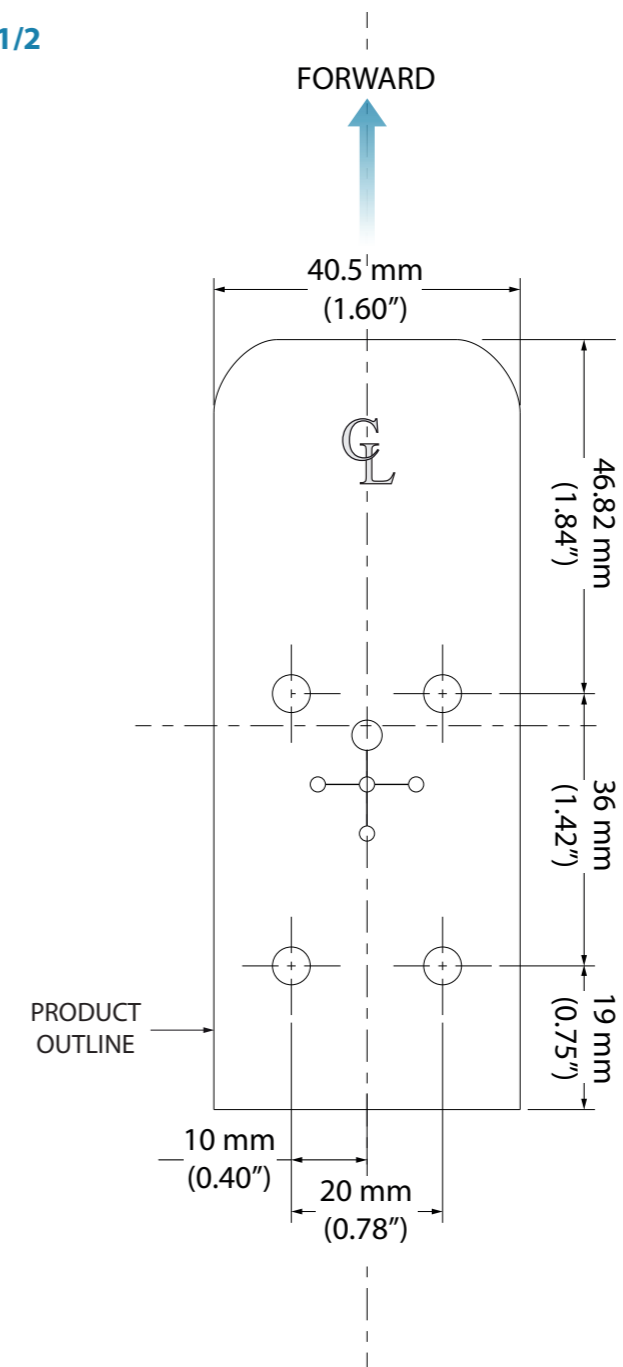
Bracket installation

Cable to the wind sensor
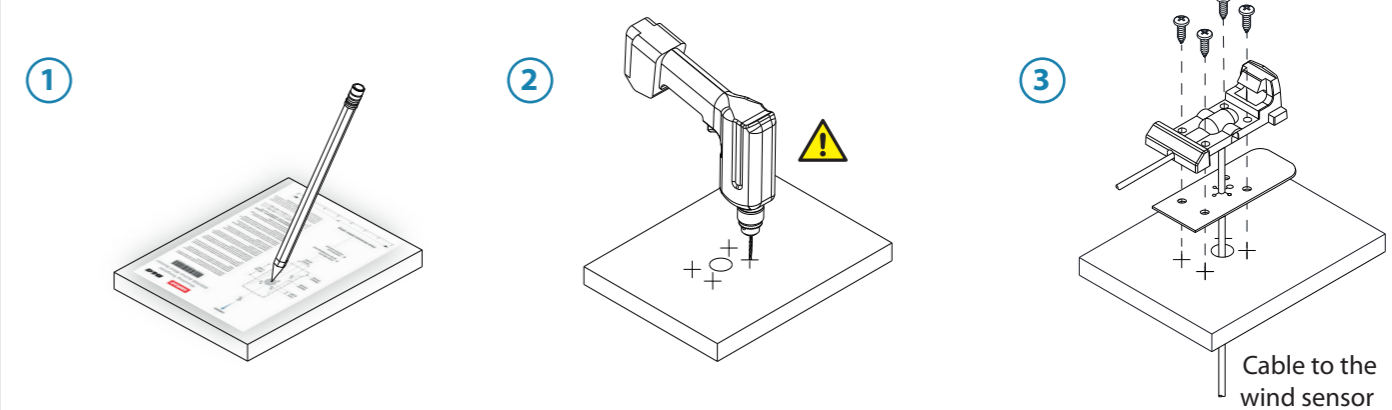
⚠️ Recommended pilot holes:

Material	10# screw
Hard materials e.g. fiberglass, aluminum, carbon fibre	Ø 4.1-4.7 mm (3/16")