Product Specification Sheet

Simrad Precision-9 Compass

SKU: SIM-000-12607-001 Manufacturer part: 000-12607-001

Compiled by Common Ground from the supplied, source-linked Simrad research. Not a manufacturer-issued datasheet. Specifications apply only to the stated model or component.

Sensor/data
Solid-state, rate-stabilized nine-axis sensor; magnetic heading, rate of turn, pitch/roll and heave.

Heading accuracy
±2° after calibration; repeatability ±1.0° or better (installation guide).

Dimensions
36 × 119 × 119 mm (1.42 × 4.69 × 4.69 in).

Weight
165 g module + 130 g bracket.

Power/interface
8–16 V via NMEA 2000; maximum 0.4 W; NMEA 2000 load equivalence LEN 1; one input/output port.

NMEA 2000 output
PGNs 127250, 127251, 127257 and 127252; magnetic heading 20 Hz, rate of turn 20 Hz, pitch/roll 10 Hz, heave 10 Hz.

Environment/mounting
IPX7; operating " 25 to +65 °C; storage " 30 to +70 °C; compass-safe distance 0.5 m; horizontal or vertical surface mounting; bracket or bulkhead mounting.

Connectivity
One NMEA 2000 Micro-C port, 1 LEN; supplied 4.5 m cable including connector (installation guide).

Sources
https://www.simrad-yachting.com/simrad/type/compasses/precision-9-compass/

Electrical ratings and physical dimensions are not shipping-package measurements. Kit specifications may describe an included component, not the entire kit.