



NMEA BUFFER

NETWORK SOLUTION



NEW



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TMQ'S NMEA BUFFER

Extend your NMEA network to include extra outputs with TMQ's NMEA Buffer. Simple system setup with minimal installation requirements.

DESCRIPTION:

Distributes up to 2 NMEA data input streams to 4 or 8 optically isolated RS422 outputs.

Galvonic isolated Power input provides 1kVdc isolation to prevent ground loops.

Extra outputs provided for Daisy chain to another data buffer.

FEATURES:

- 2 independent isolated NMEA or RS422 Inputs.
- 8 x RS422 Optically Isolated outputs.
- 1Mbps High Speed.
- Isolation voltage for NMEA input 5kV
- 10-45 V DC.
- No microprocessor intervention.
- Input indicator LED's

SPECIFICATIONS

PART NUMBER:	Nmeabuff8	IP RATING:	IP55
POWER SUPPLY:	10 – 45V DC	GLANDS:	7 x PG9 IP68 Cable glands.
INPUT SUPPLY CURRENT:	80 mA @ 12V DC	MATERIAL:	ABS junction box / Polyurethane gasket
INPUT PROTECTION:	Reverse polarity protection.	COLOUR:	Grey RAL 7035
DIMENSIONS:	(W) 200mm x (H) 127mm x (D) 50 mm	NMEA INPUT AND OUTPUT:	Number of input ports: 2
			Number of Output ports: 8
			Output ports for Daisy Chain: 2
			Utilized as 2 input / 4 output, or 1 input, 8 output.

MECHANICAL

HOUSING & LID MATERIAL	ABS	MOUNTING:	4x3.5mm lugs
LID GASKET:	Polycarbonate	TESTING:	Tested using IEC 61162-1 and IEC 61162-2 conforming equipment
MOUNTING KIT:	Stainless Steel screws provided	AIS:	AIS Compatible, 2400-38400 Baud compatible
WEIGHT:	300g	CERTIFICATES:	IEC 60945 Certification Pending

