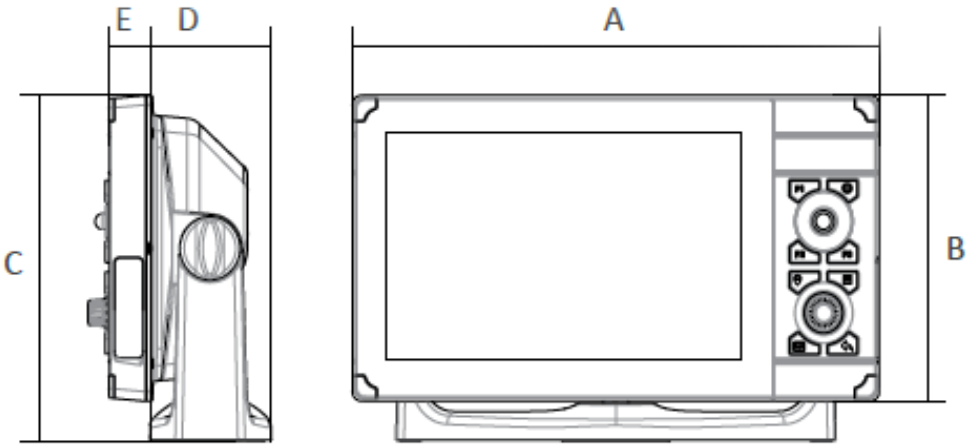
LORENZ

Marine Electronics

ATOM



	A	B	C	D	E
ATOM 9	278 mm / 10.9”	154 mm / 6.06”	174 mm / 6.8”	64 mm / 2.5”	32.6 mm / 1.2”
ATOM 12	391 mm / 15.3”	258 mm / 10.1”	279 mm / 10.9”	120 mm / 4.7”	30 mm / 1.1”

FASER MARINE ELECTRONICS

SPECIFICATIONS	ATOM 9	ATOM 12
DISPLAY SIZE / Dimensione	9” Touchscreen	12” Touchscreen
BACK-LIT KEYBOARD / Tastiera retroilluminata	√	√
RESOLUTION / Risoluzione	800 x 480px	1024 x 768
BRIGHTNESS / Luminosità	1100 nits	1250 nits
WEIGHT / Peso	1160 g	1160 g
MAXIMUM POWER / Potenza Massima	12W / 25W*	12W / 25W*
MAXIMUM TRASMITTING POWER	100mW	100mW
SUPLLY VOLTAGE / Alimentazione	10-35 Vdc	10-35 Vdc
TRANSMITTING FREQUENCY RANGE	2400-2483 MHz	2400-2483 MHz
OPERATING TEMPERATURE / Intervallo Temperatura Operativa	-10°C / +60°C	-10°C / +60°C
STORAGE TEMPERATURE / Intervallo Temperatura di Stoccaggio	-20°C/+80°C	-20°C/+80°C
MOUNTING OPTIONS / Opzioni di Installazione	Bracket/Flush Mount Staffa/Pannello	Bracket/Flush Mount Staffa/Pannello
BUILT-IN GPS RECEIVER / Ricevitore GPS Integrato	10 Hz GPS/GLONASS	10 Hz GPS/GLONASS
EXTERNAL GPS CONNECTOR / Connettore GPS esterno	√	√
SLOT MEMORY	Micro SD	Micro SD
NMEA 0183 2x Rx/Tx on power cable	√	√
WATERPROOF IPX6	√	√
WIFI CONNECTIVITY	√	√
NMEA 2000	√	√

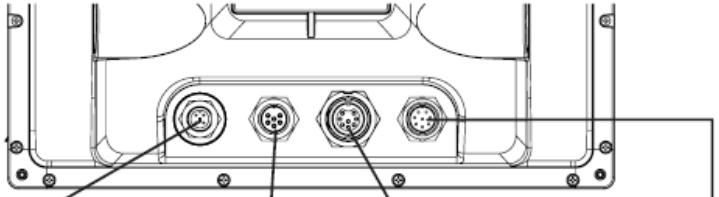
ATOM Plus Model *

BUIL IN FISH FINDER CHIRP / Fish Finder Integrato

TRANSDUCER CONNECTOR / Connettore per Collegamento Trasduttore

ATOM

INSTALLATION AND CONNECTION SCHEME



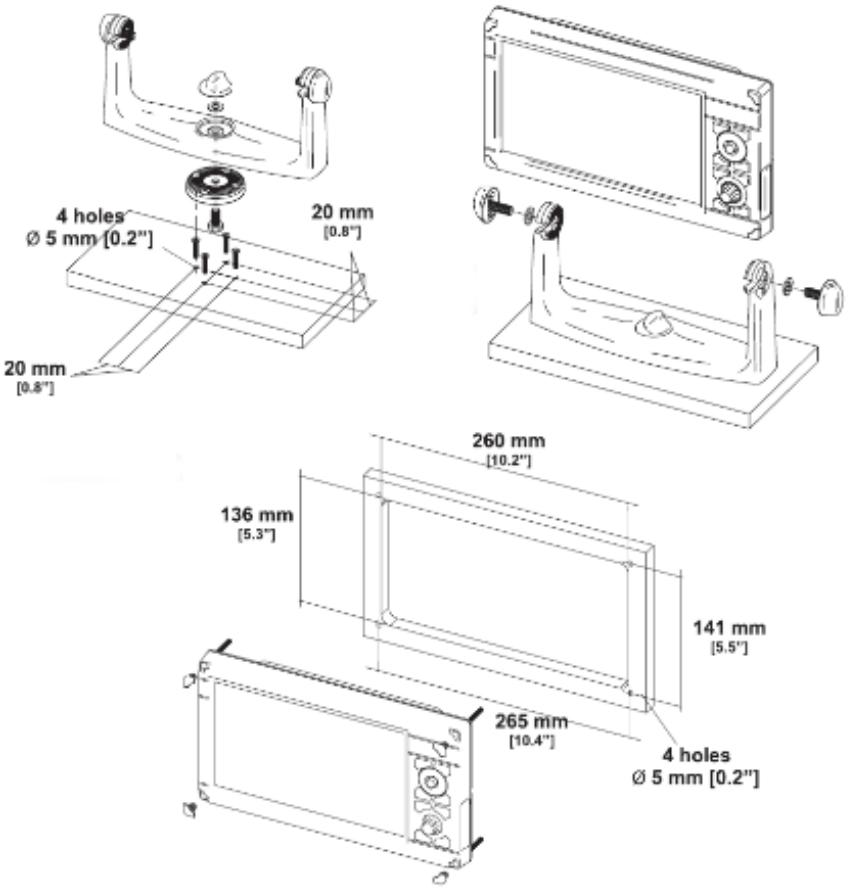
NMEA 2000 Connector	
PIN	FUNCTION
1	NOT CONNECT
2	POWER +
3	POWER -
4	SIGNAL H
5	SIGNAL L

FF Transducer*	
PIN	FUNCTION
1	XDR POSITIVE
2	XDR SHIELD
3	TEMP
4	+5V
5	ID
6	GND
7	XDR NEGATIVE
8	SPEED

* Atom 9+ model

GPS Connector (Port C)	
PIN	FUNCTION
1	POWER OUTPUT + (10-35 Vdc)
2	OUTPUT 3+
3	INPUT 3+
4	NOT CONNECT
5	NOT CONNECT
6	GND / SIGNAL RETURN

Power & I/O Connector (Port A & Port B)	
PIN	FUNCTION
1	GND
2	POWER INPUT + (10-35 Vdc)
3	INPUT 1+
4	COMMON
5	OUTPUT 2+
6	OUTPUT 1+
7	INPUT 2+
8	EXTERNAL ALARM INPUT



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