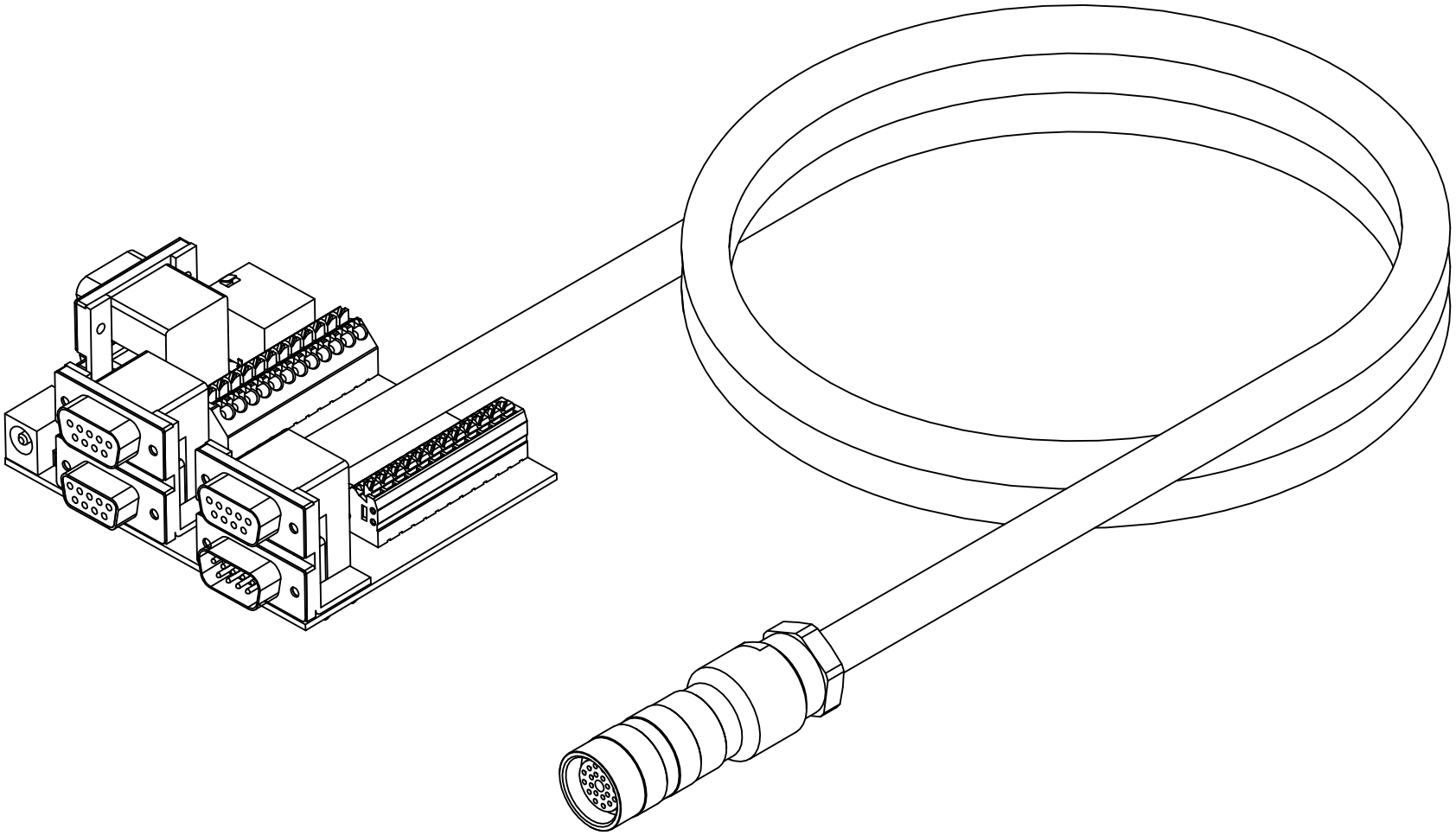
CAS-01-2M-01-01-V1.6



			TITLE: CAS-01-2M-01-01-V1.6	
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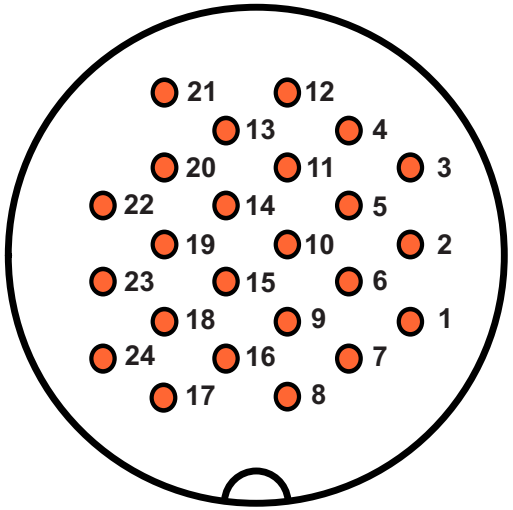

POWER	1		ORNG
GROUND	2		
GROUND	3		RED
TRIGGER	4		
PPS	5		BRWN
GROUND	6		
GROUND	7		DK.BL
GROUND	8		
RS232-RX4	9		WHITE
RS232-TX4	10		
PHASE B	11		GRAY
GROUND	12		

PHASE A	13		VIOLT
6.5V/0.5A	14		
RS232-RX2	15		DK.GR
RS232-TX2	16		
RS232-RX1	17		LT.GR
RS232-TX1	18		
RS232-RX3	19		YELL
RS232-TX3	20		
ETHX+	21		PINK
ETHX-	22		
ERHX+	23		LT.BL
ERHX-	24		

99 5896 15 24 by Binder-USA

Soldering side view

Note 1: The cable type is L-com CSTP125-100, total length is 2 meters.
The jacket is removed from the last 3 inches of the open end. Tips of all wires are stripped and tinned.
The shield of the cable is grounded on the connector side.

Note 2: The names of the signals are given relative to device, i.e. RS232-RX lines are for data coming to device, while RS232-TX lines are for data coming from the device.

Note 3: Pins 11-14 are for encoder connection. Device provides 6.5V/0.5A for encoder supply via pins 12,14.
For dual phase encoder connect A, B outputs to PHASE_A, PHASE_B pins.
For single phase encoder connect pulses to pin 11 and direction signal to pin 13.

Note 4: Ethernet interface support (pins 21 to 24) should be requested at the order.

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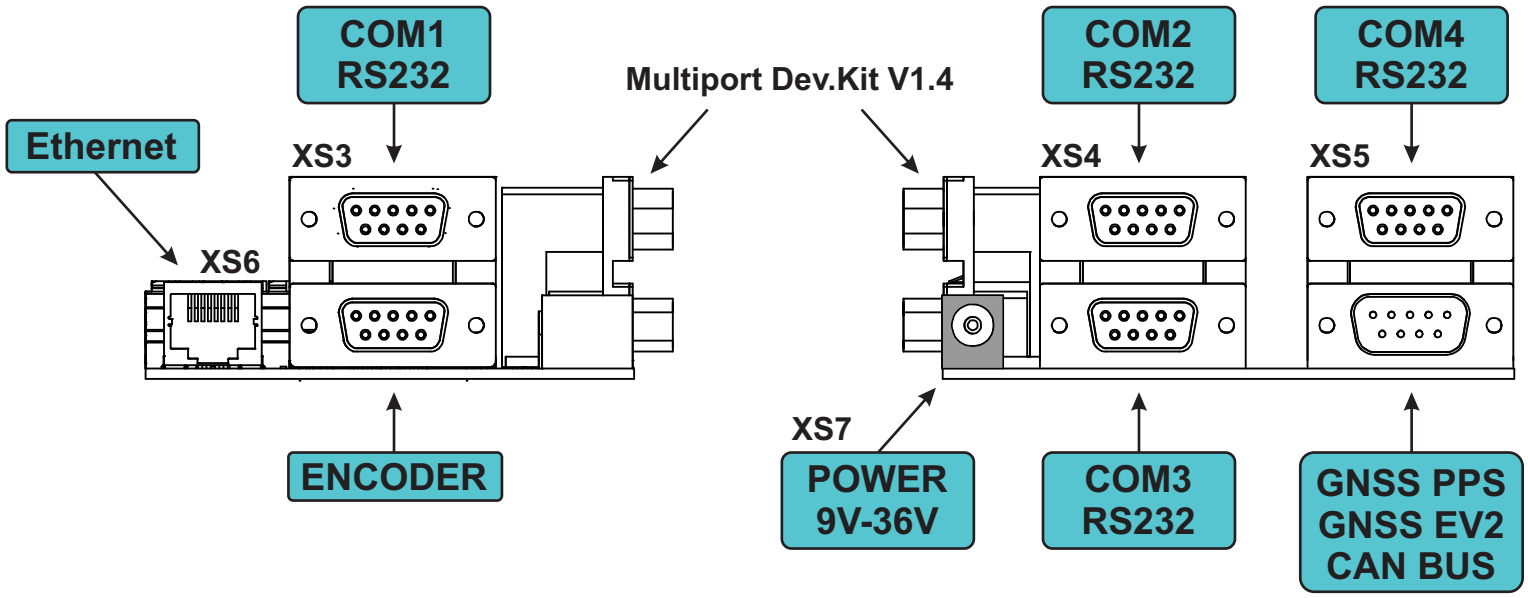

Main communication port:

XS3.UP.2 - RS232-Tx1 (outcoming data);
XS3.UP.3 - RS232-Rx1 (incoming data);
XS3.UP.5 - ground;

XS3.LW.1 - 6.5V/0.5A output;
XS3.LW.2 - encoder phase A/TTL;
XS3.LW.3 - encoder phase B/TTL;
XS3.LW.4 - encoder ground;
XS3.LW.5 - ground.

Power port:

XS7 - power input socket
(2.1mm x 5.5mm)

GNSS communication ports 2 and 3:

XS4.UP.2 - RS232-Tx2 (outcoming data);
XS4.UP.3 - RS232-Rx2 (incoming data);
XS4.UP.5 - ground;

XS4.LW.2 - RS232-Tx3 (outcoming data);
XS4.LW.3 - RS232-Rx3 (incoming data);
XS4.LW.5 - ground;

Ethernet port (RJ45, 100Mbit):
(if supported by device)

XS6.1 - ETHX+;
XS6.2 - ETHX-;
XS6.3 - ERHX+;
XS6.6 - ERHX-.

Aux. signals and communication port 4:

XS5.UP.2 - RS232-Tx4 (outcoming data);
XS5.UP.3 - RS232-Rx4 (incoming data);
XS5.UP.5 - ground;

XS5.LW.1,3,6 - ground;
XS5.LW.2 - CAN Low;
XS5.LW.4 - GNSS MARK input (TTL 3.3V);
XS5.LW.5 - GNSS PPS out (TTL 3.3V);
XS5.LW.7 - CAN Hi;
XS5.LW.9 - power (same as on XS7);

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