

## DATALOGIC - QUICK LINK 500

QL500

QL500 CONNECTION MODULE + ETHERNET

- Fast, easy connection for ID-NET™ networks
- Active master module
- Ethernet communication

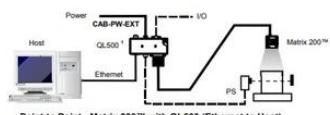


### OPIS PRODUKTU

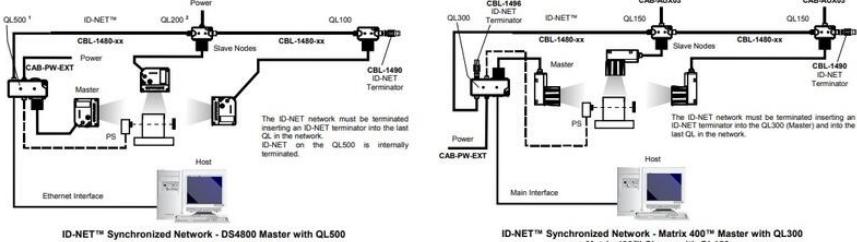
Quick Link is a complete series for fast, easy cabling of an ID-NET™ network by means of standard cables. QL500 is an active master module designed for use with the slave modules QL100/150/200, but it can also be used as an independent unit. QL500 has separate ports for supply voltage, external trigger signal, Digital I/O and communication. It also comes equipped with Ethernet communication which is linked with the reader's internal interface.

### SPECYFIKACJA TECHNICZNA

<b>Masa</b>	309 g
<b>Max. temperatura pracy</b>	50 °C
<b>Max. temperatura składowania</b>	70 °C
<b>Min. temperatura pracy</b>	0 °C
<b>Min. temperatura składowania</b>	-20 °C
<b>Napięcie zasilania DC max.</b>	30 V DC
<b>Napięcie zasilania DC min.</b>	10 V DC
<b>Pobór mocy (max)</b>	4 A
<b>Stopień ochrony IP</b>	IP40

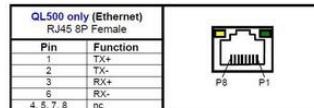
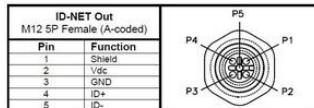
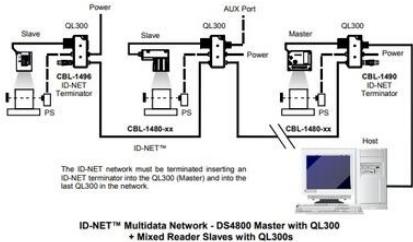


\* The reader must first be configured for Ethernet communication. This is done by connecting to the reader through the RS232 Aux port available on the QL500 I/O Port and running the software configuration program.

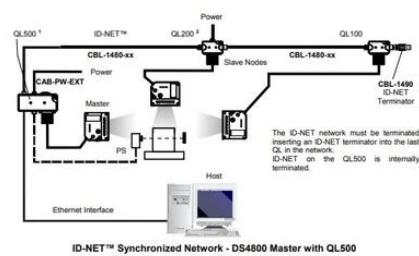
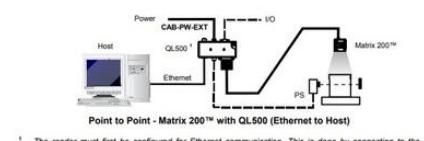
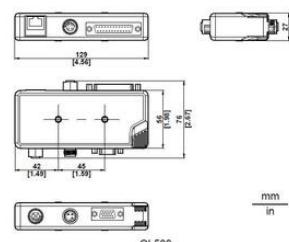
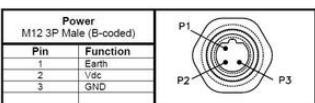
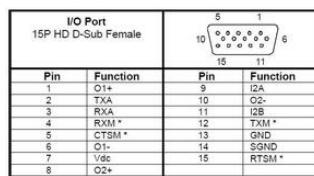
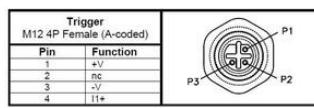


<sup>1</sup> The reader must first be configured for Ethernet communication. This is done by connecting to the reader through the RS232 Aux port available on the QL500 I/O Port and running the software configuration program.

<sup>2</sup> The above diagram is an example showing layout connections and is not intended to represent power limits, which instead, depend on each specific application. See "Voltage Drop and Max Distributed Current Calculations".

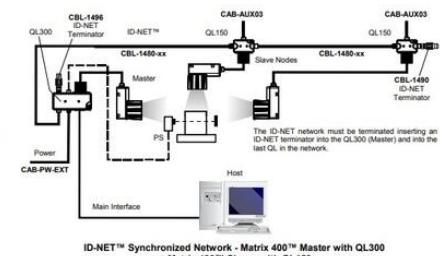


Reader 25P D-Sub Female			
Pin	Function	Pin	Function
1, shell, both bushings	Reader Chassis	13	
2	TXM	14	nc
3	RXM	15	nc
4	RTSM *	16	nc
5	CTSM *	17	nc
6	I2A	18	I1A
7	GND	19	GND
8	O1+	20	O1A
9	nc	21	TXA
10	I2B	22	O1-
11	O2+	23	ID+
12	O2-	24	ID-
13	Vdc	25	GND

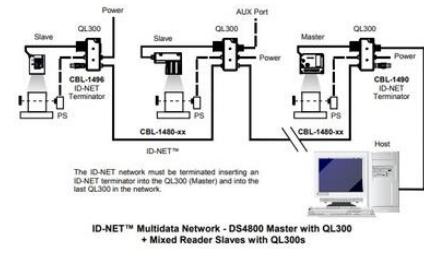


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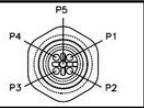


**ID-NET™ Synchronized Network - Matrix 400™ Master with QL300 + Matrix 400™ Slaves with QL150**

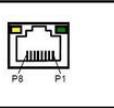


**ID-NET™ Synchronized Network - DS4800 Master with QL300 + DS4800 Slaves with QL200 and QL100**

ID-NET Out M12 5P Female (A-coded)	
Pin	Function
1	Shield
2	Vdc
3	GND
4	ID+
5	ID-

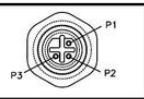


QL500 only (Ethernet) RJ45 8P Female	
Pin	Function
1	TX+
2	TX-
3	RX+
4	RX-
5, 7, 8	nc
6	RTSM



Reader 25P D-Sub Female			
Pin	Function	Pin	Function
1, shell both bushings	Reader Chassis	14	nc
2	TXM	15	nc
3	RXM	16	nc
4	RTSM*	17	nc
5	CTS M*	18	IT A
6	I2A	19	GND
7	GND	20	RXA
8	O1+	21	TXA
9	nc	22	O1-
10	I2B	23	ID+
11	O2+	24	ID-
12	O2-	25	GND
13	Vdc		

Trigger M12 4P Female (A-coded)	
Pin	Function
1	+V
2	nc
3	-V
4	IT*



I/O Port 15P HD D-Sub Female			
Pin	Function	Pin	Function
1	O1+	9	I2A
2	IT A	10	O2-
3	RXA	11	I2B
4	RXM *	12	TXM *
5	CTS M *	13	GND
6	O1-	14	SGND
7	Vdc	15	RTSM *
8	O2+		

Power M12 3P Male (B-coded)	
Pin	Function
1	Earth
2	Vdc
3	GND

