

## DATALOGIC - QUICK LINK 500

QL500

QL500 CONNECTION MODULE + ETHERNET

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

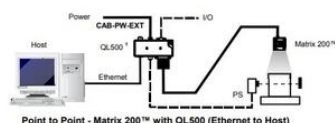


### OPIS PRODUKTU

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.

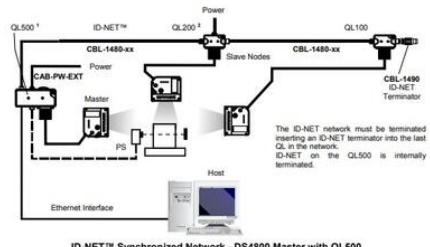
### SPECYFIKACJA TECHNICZNA

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



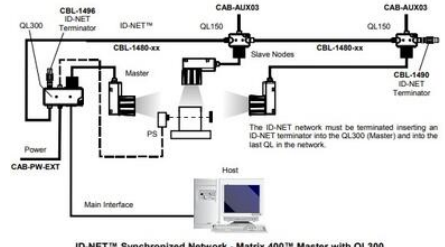
Point to Point - Matrix 200™ with QL500 (Ethernet to Host)

<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.



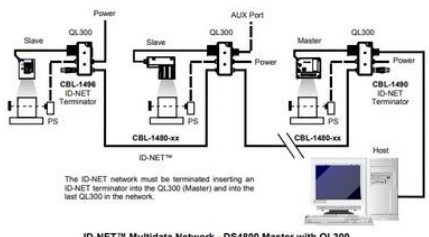
**ID-NET™ Synchronized Network - DS4800 Master with QL500**  
+ DS4800 Slaves with QL200 and QL100

<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".

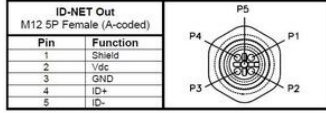


**ID-NET™ Synchronized Network - Matrix 400™ Master with QL300**  
+ Matrix 400™ Slaves with QL150

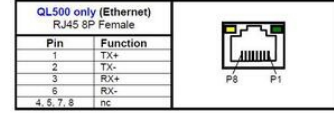
<sup>1</sup> The reader must first be configured for Ethernet communication. This is done by connecting to the reader through the RS232 Aux port available on the QL300 I/O Port and running the software configuration program.  
<sup>2</sup> The above diagram is an example showing layout connections and is not intended to represent power limits, which instead, depend on each specific application. See "Voltage Drop and Max Distributed Current Calculations".



**ID-NET™ Multidata Network - DS4900 Master with QL300**  
+ Mixed Reader Slaves with QL300s

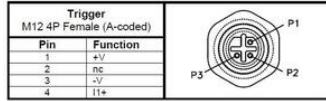


Pin	Function
1	Shield
2	Vdc
3	GND
4	ID+
5	ID-



Pin	Function
1	TX+
2	TX-
3	RX+
6	RX-
4, 5, 7, 8	nc

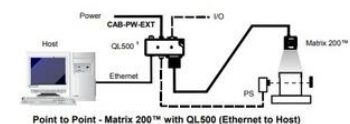
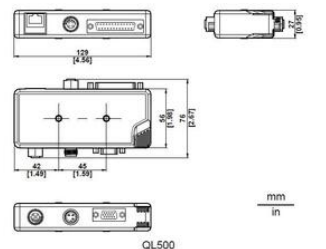
Reader 25P D-Sub Female			
Pin	Function	Pin	Function
1	shell, Reader Chassis	14	nc
2	TXM	15	nc
3	RXM	16	nc
4	RTSM*	17	nc
5	CTSM*	18	I1A
6	I2A	19	GND
7	GND	20	RXA
8	O1+	21	TXA
9	nc	22	O1-
10	I2B	23	ID+
11	O2+	24	ID-
12	O2-	25	GND
13	Vdc		



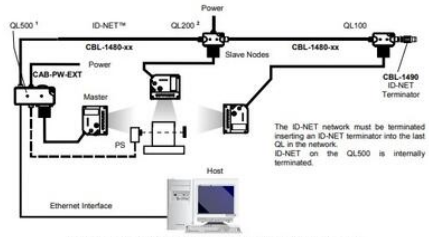
Pin	Function
1	+V
2	nc
3	-V
4	+

I/O Port 15P HD D-Sub Female			
Pin	Function	Pin	Function
1	O1+	9	I2A
2	TXA	10	O2-
3	RXA	11	I2B
4	RXM*	12	TXM*
5	CTSM*	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

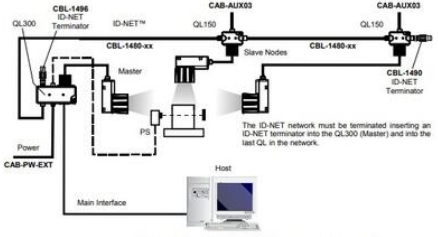


<sup>1</sup> The reader must first be configured for Ethernet communication. This is done by connecting to the reader through the RS232 Aux port available on the QL500 I/O Port and running the software configuration program.

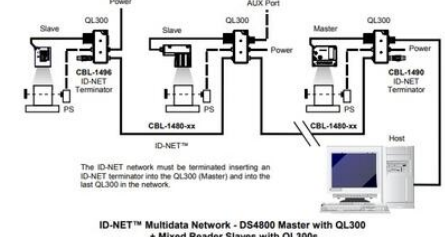


**ID-NET™ Synchronized Network - DS4800 Master with QL500**  
+ DS4800 Slaves with QL200 and QL100

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



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+ Mixed Reader Slaves with QL300s

