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DATALOGIC - QUICK LINK 500

QL500
QL500 CONNECTION MODULE + ETHERNET

- Aktywny moduł nadrzędny
- Szybkie i łatwe połączenie z siecią ID-NET™
- Komunikacja Ethernet

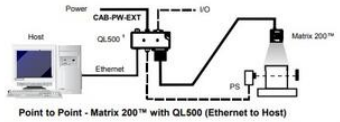


OPIS PRODUKTU

Quick Link to kompletna seria modułów do szybkiego okablowania sieci ID-NET™ przy użyciu standardowych przewodów. QL500 to aktywny moduł nadrzędny przeznaczony do współpracy z modułami podrzędnymi QL100/150/200; może również pracować jako niezależne urządzenie. QL500 ma osobne porty zasilania, zewnętrznego sygnału wyzwalania, cyfrowych wejść/wyjść i komunikacji. Wyposażono go również w interfejs Ethernet połączony z wewnętrznym interfejsem czytnika.

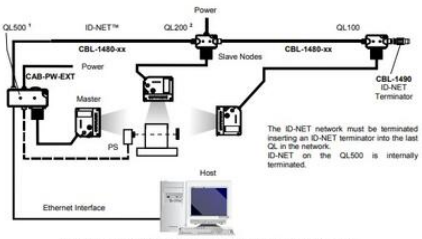
SPECYFIKACJA TECHNICZNA

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)

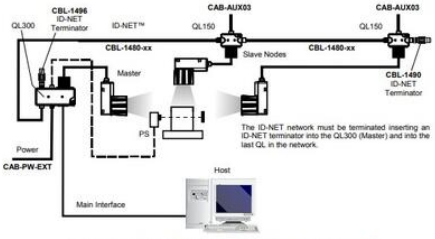
[1] The reader must first be configured for Ethernet communication. This is done by connecting to the reader through the RS232 Aux port available on the QL500 I/O Port and running the software configuration program.



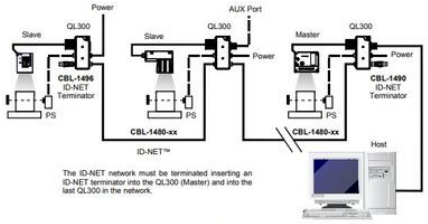
ID-NET™ Synchronized Network - DS4800 Master with QL500 + DS4800 Slaves with QL200 and QL100

[1] *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.*

[2] *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".*

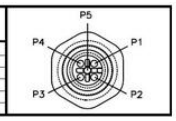


ID-NET™ Synchronized Network - Matrix 400™ Master with QL300 + Matrix 400™ Slaves with QL150

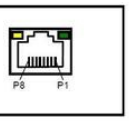


ID-NET™ Multidata Network - DS4800 Master with QL300 + Mixed Reader Slaves with QL300s

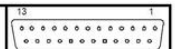
ID-NET Out M12 5P Female (A-coded)	
Pin	**Function**
1	Shield
2	Vdc
3	GND
4	ID+
5	ID-



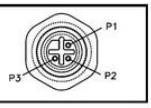
QL500 only (Ethernet) RJ45 8P Female	
Pin	**Function**
1	TX+
2	TX-
3	RX+
6	RX-
4, 5, 7, 8	nc



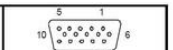
Reader 25P D-Sub Female			
Pin	**Function**	**Pin**	**Function**
1, shell, both bushings	Reader Chassis		
2	TXM	14	nc
3	RXM	15	nc
4	RTSM *	16	nc
5	CTSM *	17	nc
6	I2A	18	I1A
7	GND	19	GND
8	O1+	20	RXA
9	nc	21	TXA
10	I2B	22	O1-
11	O2+	23	ID+
12	O2-	24	ID-
13	Vdc	25	GND



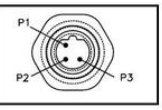
Trigger M12 4P Female (A-coded)	
Pin	**Function**
1	+V
2	nc
3	-V
4	I1+

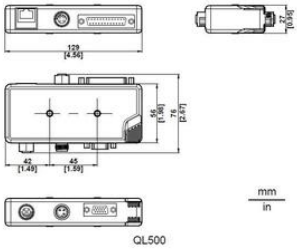


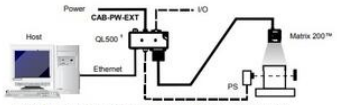
I/O Port 15P HD D-Sub Female			
Pin	**Function**	**Pin**	**Function**
1	O1+	9	I2A
2	TXA	10	O2-
3	RXA	11	I2B
4	RXM *	12	TXM *
5	CTSM *	13	GND
6	O1-	14	SGND
7	Vdc	15	RTSM *
8	O2+		



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

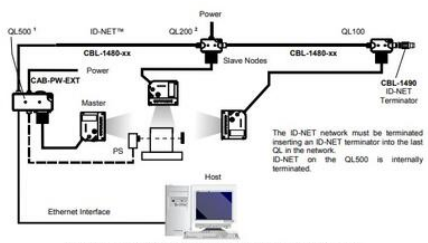






Point to Point - Matrix 200™ with QL500 (Ethernet to Host)

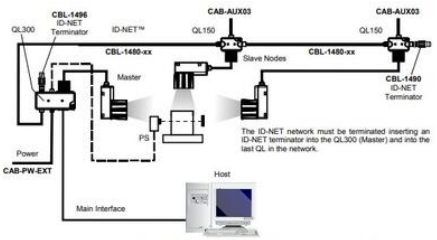
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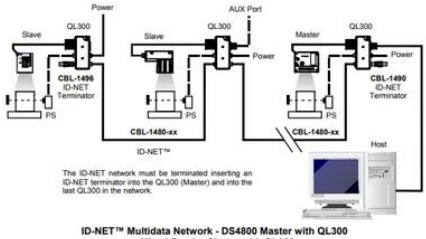
ID-NET™ Synchronized Network - DS4800 Master with QL500 + DS4800 Slaves with QL200 and QL100

[1] *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.*

[2] *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".*



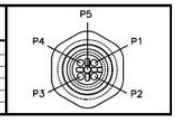
ID-NET™ Synchronized Network - Matrix 400™ Master with QL300 + Matrix 400™ Slaves with QL150



ID-NET™ Multidata Network - DS4800 Master with QL300 + Mixed Reader Slaves with QL300s

ID-NET Out
M12 5P Female (A-coded)

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

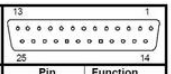


QL500 only (Ethernet)
RJ45 8P Female

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



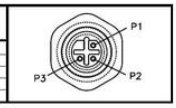
Reader
25P D-Sub Female



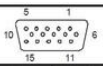
Pin	Function	Pin	Function
1, shell, both bushings	Reader Chassis		
2	TXM	14	nc
3	RXM	15	nc
4	RTSM *	16	nc
5	CTSM *	17	nc
6	I2A	18	I1A
7	GND	19	GND
8	O1+	20	RXA
9	nc	21	TXA
10	I2B	22	O1-
11	O2+	23	ID+
12	O2-	24	ID-
13	Vdc	25	GND

Trigger
M12 4P Female (A-coded)

Pin	Function
1	+V
2	nc
3	-V
4	I1+



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

