QUICK LINK series

DATALOGIC



QLM



QL100



QL

GENERAL DESCRIPTION

Quick Link (QL & QLM) connectivity accessories provides an easy, fast, modular and cost-effective solution whenever 'plug-in connection" is preferable.
QL Series is compatible with DS2100N, DS2400N, DS4800, Matrix 210™, Matrix 410™ and Matrix 450™.
QL300/500 and QLM500/600/700 link 1D/2D code readers to the Power Supply, External Trigger, IDNET™ network, Digital I/O and Communication connections including interface to Serial, Ethernet, Ethernet/IP, Profibus and Profinet.
QL100/150/200 provides an ID-NET™ 'T" connector. This is the most effective way to build the ID-NET™ network by passing through power and network's signals.
Service port connection (QL150) and tap power connection (QL200) are optionally available.

HIGHLIGHTS

- Plug-In connection
- QL500: Serial-to-Ethernet TCP/IP, Ethernet IP, Modbus conversion with RJ45 connector
- QLM500: IP65, rugged metal, all M12 connectors, double Ethernet port (avoid external switches), Ethernet TCP/IP, Ethernet IP protocol
- QLM600: IP65, rugged metal, all M12 connectors, PROFIBUS double port
- QLM700: IP65, rugged metal, all M12 connectors, double PROFINET port (avoiding external switches)
- Back-up and Restore function (QLM500/600/700 and QL500)
- Quick set-up of ID-NET™ networks with different layouts in modular way, reducing installation time and cost (by cables and T-connectors)

MODELS AND ACCESSORIES

MODELS	QUICK LINK CONNECTION MODULES
Order No.	Description
93ACC1860	QL100 ID-NET T-CONNECTION
93ACC1868	QL150 ID-NET + SERVICE T-CONNECTION
93ACC1861	QL200 ID-NET + POWER T-CONNECTION
93ACC1862	QL300 STANDARD CONNECTION MODULE
93ACC1864	QL500 CONNECTION MODULE + ETHERNET
93ACC0033	QLM600 PROFIBUS IP65 CONN. MODULE
93ACC0037	QLM500 ETHERNET/IP IP65 CONN. MODULE
93ACC0038	QLM700 PROFINET IP65 CONN. MODULE
MODELS	**ID-NET AND T-CONNECTOR**
Order No.	Description
93ACC1860	QL100 ID-NET T-CONNECTION
93ACC1868	QL150 ID-NET + SERVICE T-CONNECTION
93ACC1861	QL200 ID-NET + POWER T-CONNECTION
ACCESSORIES	**QUICK LINK ACCESSORIES**
Service Cables	
Order No.	Description
93A051385	CAB-AUX03 M12 3P TO DB9 SERIAL CABLE 3M (for QL150)
93A051381	CAB-PW-EXT M12 POWER EXTENSION CABLE
93ACC1883	FMC300 M12 3P M. CONN. SERVICE (for QL150)
93ACC1884	FMC400 M12 3P F. CONN. POWER
93A051386	CAB-AUX04 15P DSUB TO DB9 SERIAL CABLE
970101063	CBL-1487 CONNECTOR THIN M12/5P/FEMALE
93ACC0040	FMC600 M12 8P M. A-Code QLM-I/O
ID-NET CABLES	
Order No.	Description
970101021	CBL-1480-01 THIN M12/5P MALE/FEMALE 1M
970101022	CBL-1480-02 THIN M12/5P MALE/FEMALE 2M
970101069	CBL-1490 TERM. RESIST. THIN M12/5P/MALE
970101082	CBL-1496 TERM. RESIST. THIN M12/5P/FEM.

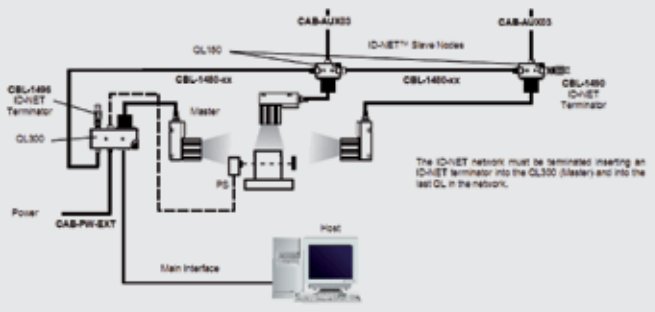
QL SERIES TECHNICAL FEATURES

QL100, QL150, QL200

ELECTRICAL FEATURES
Power Supply 10 to 30 VDC
Limited QL + Reader Current consumption 4 A Max.

ENVIRONMENTAL FEATURES
Protection Class IP65*
Operating Temperature 0° to 50 °C (+32° to 122 °F)
Storage Temperature -20° to 70 °C (-4° to 158 °F)
Humidity Max. 90% non condensing

*When IP protection caps or IP cables and reading device are correctly connected.



ID-NET™ Synchronized Network - QL300 + Matrix 410™ Master with QL | 150 + Matrix 410™ Slaves

QL300, QL500, QLM500, QLM600, QLM700

ELECTRICAL FEATURES
Power Supply 10 to 30 VDC
Limited QL + Reader Current consumption 4 A Max.

ENVIRONMENTAL FEATURES
Protection Class IP65*
Operating Temperature 0° to 50 °C (+32° to 122 °F)
Storage Temperature -20° to 70 °C (-4° to 158 °F)
Humidity Max. 90% non condensing

PHYSICAL FEATURES
QL300/500
Mechanical Dimensions 129 x 76 x 27 mm (5.1 x 3 x 1.1 in.)
Weight QL300=312 g. (11 oz.); QL500=309 (10.9 oz.)

QLM500/600/700
Mechanical Dimensions 200 x 81 x 40 mm (7.9 x 3.2 x 1.6in.)
Weight QLM=500 g. (18 oz.)

*When IP protection caps or IP cables and reading device are correctly connected.