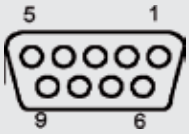
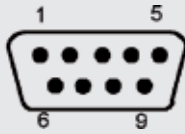


ELECTRICAL CONNECTIONS



Female (all models)

9-pin Local Lonworks Connectors



Male (Master/Slave model)

9-pin Local Lonworks Connectors

9-PIN LONWORKS CONNECTOR PINOUT

Pin	Name	Function
1	CHASSIS	Cable shield internally connected by capacitor to chassis
2	GND	Supply voltage - positive pin
6	VS_I/O	Supply voltage - negative pin
3	REF_I/O	Supply voltage of I/O circuit
4	SYS_ENC_I/O	Reference voltage of I/O circuit
5	SYS_I/O	System signal
7	LON A	System signal
8	LON B	Lonworks line (polarity insensitive)

In DS6300 Ethernet models a RJ45 Modular Jack is provided for Ethernet connection. This interface and the connector pinout are IEEE 802.3 10 BaseT and IEEE 802.3u 100 BaseTX compliant.



RJ45 Modular Jack

RJ45 MODULAR JACK PINOUT

Pin	Name	Function
1	TX +	Transmitted data (+)
2	TX -	Transmitted data (-)
3	RX +	Received data (+)
6	RX -	Received data (-)
4,5,7,8	NC	Not connected

MODELS AND ACCESSORIES

MODELS	
Order No.	Description
931351010	DS6300-100-010 ADJ FOCUS, LINEAR, M/S
931351020	DS6300-100-011 ADJ FOCUS, LINEAR, PROFIBUS
931351030	DS6300-100-012 ADJ FOCUS, LINEAR, ETHERNET
931351040	DS6300-100-015 ADJ FOCUS, LINEAR, DEVICENET
931351060	DS6300-105-010 ADJ FOCUS, OSC. MIRROR, M/S
931351070	DS6300-105-011 ADJ FOCUS, OSC. MIRROR, PROFIBUS
931351080	DS6300-105-012 ADJ FOCUS, OSC. MIRROR, ETHERNET
931351090	DS6300-105-015 ADJ FOCUS, OSC. MIRROR, DEVICENET
ACCESSORIES	
Order No.	Description
93A201100	GFC-60 90° MIRROR
93A201102	GFC-600 90° MIRROR CLOSE DISTANCE
93ACC1730	GFX-60 X-PATTERN MIRROR
93ACC1721	FBK-6000 FAST BRACKET KIT (2 PCS)

TECHNICAL DATA

	DS6300-100-01X	DS6300-105-01X
Dimensions	110 x 113 x 99 mm (4.33 x 4.45 x 3.9 in)	113 x 180 x 104,5 mm (4.45 x 7.08 x 4.11 in)
Weight	1.5 kg. (3.3 lb)	2.0 kg. (4.4 lb)
Case material	Aluminum	
Operating temperature	0 to 40 °C (32 to 104 °F),	
Storage temperature	-20 to 70 °C (-4 to 158 °F)	
Humidity	90% non condensing	
Vibration resistance	IEC 68-2-6 test FC 1.5mm; 10 to 55 Hz; 2 hours on each axis	
Shock resistance	IEC 68-2-27 test EA 30 G; 11 ms; 3 shocks on each axis	
Protection class	IP64 for standard models; IP65 on request	
Light source	Visible laser diode (630 to 680 nm)	
Scanning speed	600 to 1200 scan/s SW programmable	
Resolution	Down to 0.20 mm (8 mils)	
Readable symbologies	Code 2/5, Code39, Code93, Code128, EAN/UPC, EAN128, Codabar, Pharmacode, ISBN128	
Multilabel reading	Up to 10 different symbologies during the same reading phase	
Communication interfaces	Main Port: RS232/RS485 up to 115.2 Kbit/s	
	Auxiliary Port: RS232 up to 115.2 Kbit/s	
Other available interfaces	Lonworks (Master/Slave), Ethernet, Profibus, DeviceNet	
Digital inputs	Four SW programmable, optocoupled, NPN/PNP	
Digital outputs	Three SW programmable, optocoupled, event driven	
Display & keypad	LCD 16 x 2 characters & 3 keys	
Led indicators	Power On, Phase On, Data Tx	
Device programming	Windows™ based SW (Genius™) via serial or Ethernet link	
	Serial Host Mode Programming sequences	
Operating modes	'On-line', 'Serial On-line', 'Automatic', 'Continuous', 'Test'	
Laser classification	Class 2 - EN60825-1; Class II - CDRH	
Laser control	Safety system to turn laser off in cases of motor slowdown or failure	
Power supply	15 to 30 VDC	
Power consumption	15 W typical, 20 W max	