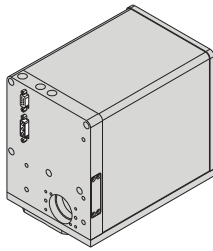


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Standard Connector Positions and Pin-Outs

SL2-100 interface



SL2-100
(9-pin female D-SUB connector)

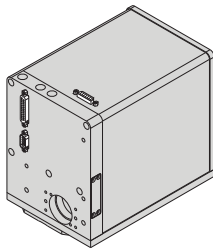
DATA IN+	(1)	(6)	DATA IN-
DO NOT CONNECT	(2)	(7)	GND
DO NOT CONNECT	(3)	(8)	GND
+3.3 V (DO NOT CONNECT)*	(4)	(9)	DATA OUT-
DATA OUT+	(5)		

* The 3.3 V voltage is supplied for SCANLAB's POF converter for optical data transmission (POF = Polymer Optical Fiber). This voltage should not be used for other purposes.

POWER IN
(3-pin male D-SUB connector with high power contacts, type FM3W3P from FCTgroup)

(1)	-15 V
(2)	GND
(3)	+15 V

XY2-100 interface (optionally with z-out)



DIGITAL IN
(25-pin female D-SUB connector)

DO NOT CONNECT	(25)	(13)	DO NOT CONNECT
DO NOT CONNECT	(24)	(12)	DO NOT CONNECT
DO NOT CONNECT	(23)	(11)	DO NOT CONNECT
DO NOT CONNECT	(22)	(10)	DO NOT CONNECT
DO NOT CONNECT	(21)	(9)	DO NOT CONNECT
DO NOT CONNECT	(20)	(8)	DO NOT CONNECT
DO NOT CONNECT	(19)	(7)	DO NOT CONNECT
STATUS+	(18)	(6)	STATUS-
CHAN3+ *	(17)	(5)	CHAN3 - *
CHAN2+	(16)	(4)	CHAN2 -
CHAN1+	(15)	(3)	CHAN1 -
SYNC+	(14)	(2)	SYNC -
CLOCK+	(13)	(1)	CLOCK -

* Only with optional z-out connector, otherwise: DO NOT CONNECT.

POWER IN
(9-pin male D-SUB connector)

-15 V	(6)	(1)	-15 V
GND	(7)	(2)	-15 V
GND	(8)	(3)	GND
+15 V	(9)	(4)	+15 V
		(5)	+15 V

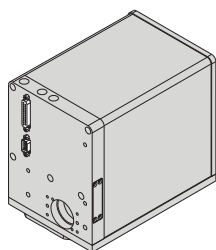
Z-OUT (optional)
(15-pin female D-SUB connector)

DO NOT CONNECT	(15)	(8)	DO NOT CONNECT
DO NOT CONNECT	(14)	(7)	DO NOT CONNECT
RESERVED	(13)	(6)	DO NOT CONNECT
RESERVED	(12)	(5)	RESERVED
DO NOT CONNECT	(11)	(4)	DO NOT CONNECT
SIG+Z	(10)	(3)	DO NOT CONNECT
SIG-Z	(9)	(2)	DO NOT CONNECT
		(1)	DO NOT CONNECT

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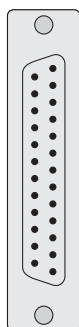
Standard Connector Positions and Pin-Outs

Analog interface



ANALOG IN
(25-pin female D-SUB connector)

DO NOT CONNECT (25)	(13) DO NOT CONNECT
POSACK_1 (24)	(12) DO NOT CONNECT
TEMPOK_1 (23)	(11) PWROK_1
DO NOT CONNECT (22)	(10) DO NOT CONNECT
SIG+IN_1 (21)	(9) GND
SIG-IN_1 (20)	(8) GND
DO NOT CONNECT (19)	(7) GND
POSACK_2 (18)	(6) DO NOT CONNECT
TEMPOK_2 (17)	(5) PWROK_2
DO NOT CONNECT (16)	(4) DO NOT CONNECT
SIG+IN_2 (15)	(3) GND
SIG-IN_2 (14)	(2) GND
	(1) GND



POWER IN
(9-pin male D-SUB connector)

-15 V (6)	(1) -15 V
GND (7)	(2) -15 V
GND (8)	(3) GND
+15 V (9)	(4) +15 V
	(5) +15 V

