

Mar 345: shutter signal on pin 25, expect
response on 12. (TTL)

X3 Connector - DB25

Function	Pin	Pin	Function
GND	1	14	+5V
GND	2	15	+15V
GND	3	16	-15V
STEPGND	4	17	STEPPWR1
STEPGND	5	18	STEPPWR2
+12V	6	19	FINTENS
GND	7	20	PHI/OMEGA CLK
PHI/OMEGA DIR	8	21	OMEGA ENERGIZE
PHI ENERGIZE	9	22	TRANS CLK
TRANS DIR	10	23	TRANS RES (ENERGIZE)
TRANS REF	11	24	CHAMBER-SELECT ENABLE
BEAMSHUTTER STATUS	12	25	BEAMSHUTTER
GND	13		