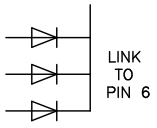


SIGNAL DESCRIPTION	TERM No	WIRE No	COLOUR	FROM / TO
FORWARD SIGNAL TO DRIVE REVERSE SIGNAL TO DRIVE GROUND 	21	44		TPC (14)
	22	41		KEB (10)
	23	42		KEB (11)
	24			
	25			
	26			
	27			
TURRET THERMAL	28	205	* GREEN	QM3 (15)
TURRET CLAMP SIGNAL	29			
	30	216	+ PINK	QM3 (11)
	31			
	32			
POSITION BIT 2 COMMAND	33	222		P01-3
	34			
	35			
	36			
	37			
STROBE SIGNAL FROM TURRET	38	213	+ BLUE	QM3 (6)
24v TO TURRET	39	214	+ VIOLET	QM3 (7)
	40			

QM3 24 WAY QM CONNECTOR  
FOR TOE 80 TURRET  
SEE SHEET 12

P0 OUTPUT CONNECTOR  
ON SLAVEBOARD  
SEE SHEET 7

P1 INPUT CONNECTOR  
ON SLAVEBOARD  
SEE SHEET 6

KEB TERMINALS ON  
SPINDLE DRIVE

TPC TOOLPOST  
CONTACTOR

ALL WIRES 0.5mm BLUE  
EXCEPT \* 4 CORE SCREEN  
+ 12 CORE SCREEN

IF IN DOUBT ASK

MIRAC  
BARUFFALDI TOE 80  
CONTROL BOARD  
PINS 1 - 20

SHEET 13  
[ MIRAC ]  
[ T13 ]

DENFORD MACHINE TOOLS LTD

BRIGHOUSE

WEST YORKSHIRE

DRN BY A McHENRY

DATE 10-5-93

A3-

100231