

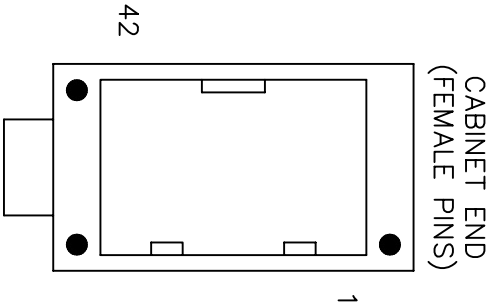
42 WAY SOCKET CONNECTIONS

PIN	COLOUR	WIRE
1	RED	
2	YELLOW	
3	ORANGE	
4	BLACK	
5	RED	
6	YELLOW	
7	ORANGE	
8	BLACK	
9	RED	
10	YELLOW	
11	ORANGE	
12	BLACK	
13	RED	54
14	YELLOW	55
15	RED	54
16	YELLOW	56
17	RED	54
18	YELLOW	57
19	RED	71
20	BLUE	72
21	YELLOW	76

	X AXIS MOTOR	0.5mm SINGLES
	Y AXIS MOTOR	0.5mm SINGLES
	Z AXIS MOTOR	0.5mm SINGLES
	X DATUM SWITCH	0.2mm SINGLES
	Y DATUM SWITCH	0.2mm SINGLES
	Z DATUM SWITCH	0.2mm SINGLES
	ATC IN	
	ATC OUT	
	COMMON FOR ATC SWITCHES	

PIN	COLOUR	WIRE
22	BROWN	20
23	BLUE	21
24	EARTH	E
25	BLACK	38
26	WHITE	N
27	YELLOW	37
28	RED	61
29	BLUE	62
30	YELLOW	89
31	RED	77
32	BLUE	78
33	RED	91
34	BLUE	61
35	RED	90
36	BLUE	60
37	RED	136
38	BLUE	137
39	RED	75
40	BLUE	61
41	YELLOW	134
42	GREEN	135

	SPINDLE MOTOR	1.5mm 4 CORE SCREEN *
	ATC MOTOR	1mm SINGLES
	24v	
	E-STOP 1	4 CORE SCREEN
	E-STOP 2	
	GUARD CONTACT 1	2 CORE SCREEN *
	GUARD CONTACT 2	2 CORE SCREEN
	GUARD SOLENOID	2 CORE SCREEN
	5v	2 CORE
	0v	
	ATC DATUM	
	24v	2 CORE SCREEN
	FEEDRATE	
	SPINDLE	4 CORE SCREEN



42 WAY HOOD
BI 357 Z

MALE INSERT
BI 357 H

PG29 GLAND
BI 411 J

CODING PINS
BI 356 H

1.5m PG29 FLEX

CABLES
3m LONG

* TAKE SCREEN TO EARTH

4.0mm EARTH