

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

4 CORE
SCREEN

PIN	COLOUR	WIRE
22	BROWN	20
23	BLUE	21
24	EARTH	E
25	SCREEN	E
26	BLACK	36
27	WHITE	N
28	YELLOW	35
29	RED	62
30	BLUE	68
31	YELLOW	61
32	GREEN	89
33	RED	77
34	BLUE	78
35	RED	91
36	BLUE	61
37	YELLOW	90
38	GREEN	60
39	RED	73
40	BLUE	74
41	YELLOW	75
42	SCREEN	E

SPINDLE
MOTOR

1.5mm
4 CORE
SCREEN

ATC
MOTOR

1mm
SINGLES

E - STOP
CONTACT 1

E - STOP
CONTACT 2

4 CORE
SCREEN

GUARD
CONTACT 1

GUARD
CONTACT 2

2 CORE SCREEN
(TAKE SCREEN
TO DENSTEP CHASSIS)

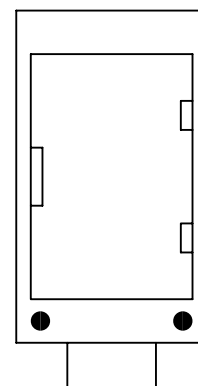
4 CORE
SCREEN

GUARD
SOLENOID

ATC
DATUM
SENSOR

4 CORE
SCREEN

CABINET END
(FEMALE PINS)



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

⊗ 4.0mm EARTH

IF IN DOUBT ASK

NOVAMILL
42 WAY SOCKET
DETAILS

SHEET 7
NOVAMILL
DENSTEP