

A

B

C

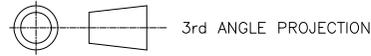
D

E

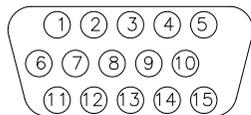
F

G

DO NOT SCALE , IF IN DOUBT - ASK



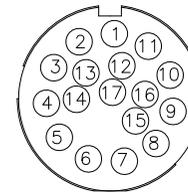
CONNECTION DETAILS			
Pin 'D' Type	17 Pin	Colour	Function
(BODY)	3	Orange or Black	Internal Cable Screen
1	10	Grey/Pink Band	Cos +
2	13	Red/Blue Band	Cos -
3	14	Red (0.34mm <sup>2</sup> )	Sin +
4	15	Blue (0.34mm <sup>2</sup> )	Sin -
5	11	White/Green Band	Data +
6	12	Brown/Green Band	Data -
7	4	NC	-
8	5	NC	-
9	6	NC	-
10	7	NC	-
11	8	Black	Clock +
12	9	Purple	Clock -
13	16	Red (1mm <sup>2</sup> )	+ V dc
14	17	Blue (1mm <sup>2</sup> )	0 V
14	1	White	0V+Thermistor
15	2	Brown	Thermistor return
(BODY)	(BODY)		Screen



VIEW FROM FRONT  
OF CONNECTOR  
DRIVE END TERMINATION

NOTE:

- 1) COMPATIBLE WITH UNIDRIVE SP AND UNIMOTOR FM USING ENDAT ENCODERS.
- 2) TO BE SUPPLIED WITH SSBEXN\*\*\* & SSBEXN\*\*\*, <sup>②</sup> WHERE \*\*\* INDICATES LENGTH OF CABLE.



VIEW FROM FRONT  
OF PLUG  
MOTOR END

THIS IS A C.A.D. PRODUCED  
DRAWING.  
SUBSEQUENTLY NO MANUAL  
MODIFICATIONS ALLOWED.

THIS DRAWING IS THE  
PROPERTY OF CONTROL  
TECHNIQUES DYNAMICS LTD  
AND MAY NOT BE USED OR  
DISCLOSED FOR ANY  
PURPOSE EXCEPT AS  
AUTHORISED BY CONTROL  
TECHNIQUES DYNAMICS LTD

LIMITS ON mm DIMENSIONS  
UNLESS OTHERWISE STATED

1 DECIMAL PLACE ± 0.4mm  
2 DECIMAL PLACES ± 0.1mm  
ANGULAR ± 30'

DIMENSIONS IN MILLIMETRES  
UNLESS OTHERWISE STATED

TITLE

ENDAT  
SIGNAL CABLES

USED ON CABLES

MATERIAL

SPECIFICATION

FINISH

DRAWING NUMBER

PREFIX No. A3  
IM/0113/DS

IND SHT. OF 1 ISSUE 2

ISS	CR No.	BY	ISS	CR No.	BY	ISS	CR No.	BY	ISS	CR No.	BY	ISS	CR No.	BY	ISS	CR No.	BY
1	16406	HJO	2	16729	DB												
FIRST ISSUE			SSBEXN*** ADDED														
DATE	APPR BY	DATE	APPR BY	DATE	APPR BY	DATE	APPR BY	DATE	APPR BY	DATE	APPR BY	DATE	APPR BY	DATE	APPR BY	DATE	APPR BY
02/03/07	GA	03/12/07	HO														

DRAWN BY HJO	CHECKED GA
DRN DATE 03/02/07	APPROVED SJ
SCALE 1:1	STATUS I

 **CONTROL  
TECHNIQUES**  
CONTROL TECHNIQUES DYNAMICS LTD.  
WALWORTH, ANDOVER, HAMPSHIRE,  
ENGLAND, SP10 5AB

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PREFIX No. A3	IM/0113/DS
IND SHT. OF 1	ISSUE 2