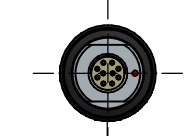


SKT1	
Pin No.	Function
1	X+
2	Y+
3	Z+
4	PGND
5	SGND
6	V+
7	V-
8	N.C.
9	N.C.
10	N.C.



Fischer: AL1731-DEU-1031-A010SR11-11G12
Note: connector angular position will vary

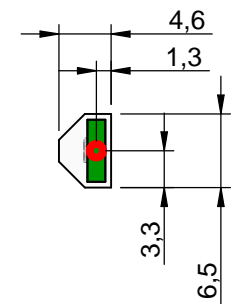
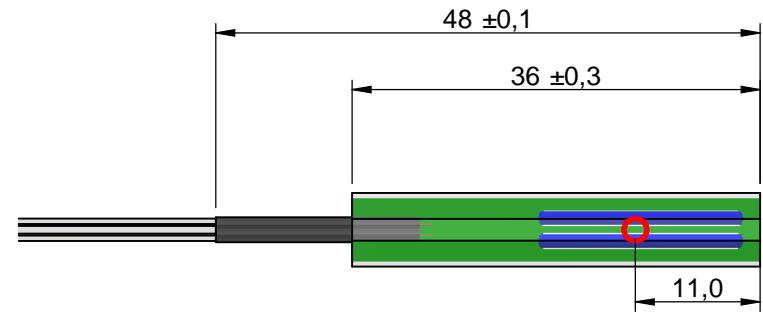
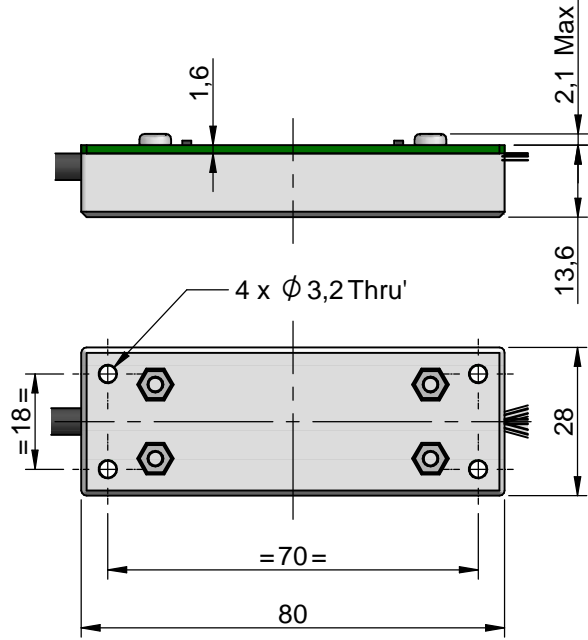
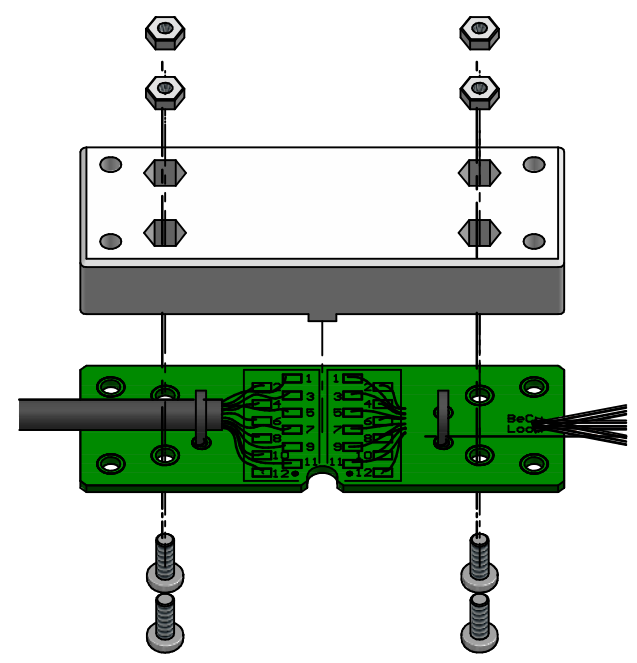
Drive Electronics
 12-Way Def Stan Screened Cable
 7/0,1 Conductors
 Ø4,4 nominal OD

Interconnection PCB + Cover
 See detail bottom left

3x 2-pair Cryogenic Loom
 2x0.3 Cross-Section
 Ø0,1 Beryllium-Copper (BeCu) Cores
 Polyester Insulation (200°C Melting Pt.)
 All 4 connections are used

3x Probes
 Body Material: Stycast 1266 A/B

3x BeCu Loom is c/w PTFE heatshrink and clamped at this location for strain relief



Note: Interconnection PCB is supplied with a plastic cover to protect fragile BeCu cores. The cover can be removed with a screwdriver in order to access the connections.

Warning: if desoldering the BeCu loom, great care must be taken to avoid mixing up the cores as they are not labelled/coloured. Expected wire resistances (to assist with BeCu loom wiring) can be found on the product Calibration Certificate CC4562.

Refer to Operation Manual (OM4476) if desoldering or resoldering BeCu loom.

Interconnection PCB		
Pad No.	Function	Colour
1	X Exc	Brown
2	X EGND	Red
3	Y Exc	Orange
4	Y EGND	Yellow
5	Z Exc	Green
6	Z EGND	Blue
7	X Sense	Violet
8	X GND	Grey
9	Y Sense	White
10	Y GND	Black
11	Z Sense	Pink
12	Z GND	Turquoise

Note: colours in the wiring table refer to the 12-Way Def Stan cable cores.

○ Centre of Sensing Element



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Title		Third Angle Projection	Project
CryoMag-IE Outline Drawing		Dimensions in mm	D2102
		Size A3	Sheet 1/1
Created by	<i>Kirill Drobovits</i>	26/07/2022	
Modified by			
Approved by	<i>Daniel Cetnik</i>	26/07/2022	
Revisions	First release	Drawing No.	Issue
		DR4770	1
			DCN No.
			2211

BI OUTLINE DRAFT A3 v9