

TI-5069 Cable Pinouts - SICK Stegmann Hiperface 8 pin Berg 2X4 Dubox			
Line	Pin #	14 Pin TB Pin #	Conductor Color
V+	1	1	RED
GND	2	2	BLU
COS+	8	3	VIO
REF COS	4	4	BLK
SIN+	7	5	WHT
REF SIN	3	6	BRN
DATA+	5	9, 11	GRY
DATA-	6	10,12	GRN

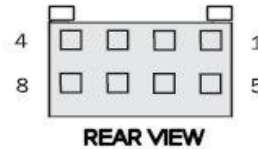
**NOTE:** TB end requires 1.25" GRN, GRY jumper  
 YEL and ORG not used (cut)

Start with 6' of 10 conductor cable

<b>Housing</b>		
M/E P/N:	21185108	
Manuf. P/N:	BERG 65239-004LF	
Vendor P/N:	DK# 609-1247-ND	
<b>Receptacle</b>		
M/E P/N:	21075113	
Manuf. P/N:	BERG 76357-401LF	
Vendor P/N:	DK# 609-1276-ND	
<b>10 cond., 24AWG</b>		
M/E P/N:	60090010	
Manuf. P/N:	Carol C0745A	
<b>Terminal Block - 14pin</b>		
M/E P/N:	21235114	
Manuf. P/N:	PCD ELFT 14260	

**8 Pin Housing end of Cable**

- Strip off 3" of cover and remove foil
- Cut drain, YEL, and ORG.
- Apply .75" of .5" heat shrink at end of cover.
- Strip wires and crimp on receptacles, solder.
- Slide rec. into housing.
- Housing gets polarizing.
- Possibly add smaller heatshrink to keep the wires together, as pictured below.



**TB end of cable**

- Strip off 3.25" of cover and remove foil
- Apply .75" of .25" heat shrink at end of cover
- Tin drain wire and cable tie back to main cable
- Cut wires to length, and strip
- GRY, GRN wires, twist together with respective jumper and tin
- Install wires in TB
- Tighten all unused terminals
- Install identifying sticker on TB

