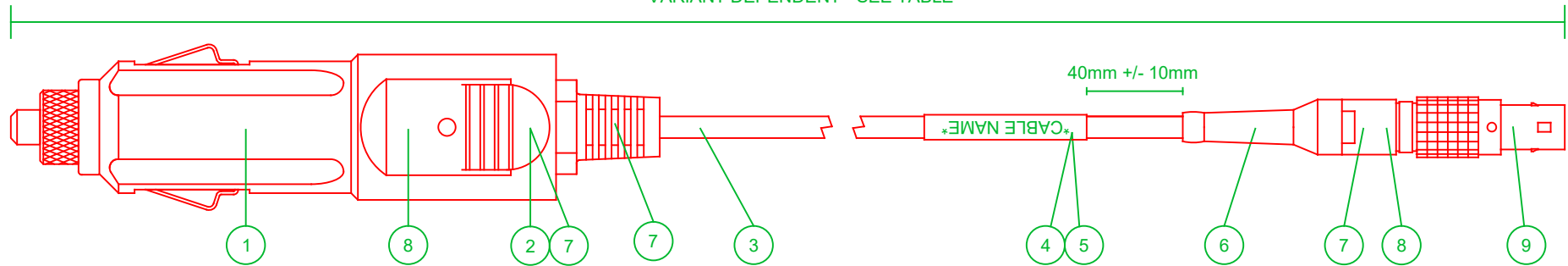
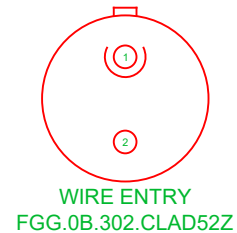


VARIANT DEPENDENT - SEE TABLE



Notes:

- Pass the cable (item 3) through the grommet (on item 1).
- Strip back the cable jacket leaving about 10mm inside the grommet.
- Insulate the cable drain wire with a ~20mm piece of heatshrink (item 8).
- Shrink a 10mm piece of heatshrink (item 7) over the cable just inside the grommet.
- Fit a small cable tie (item 2) over the heatshrink to prevent the cable from being pulled back through the grommet.
- Solder the wires to item 1 as per the connection table.
- Pass the length of clear heatshrink (item 5) over the end of the cable.
- At the LEMO end of the cable strip back the cable jacket and insulate the cable screen (drain wire) with a ~5mm piece of heatshrink (item 8).
- Connect the insulated drain wire to the LEMO connector shell and red and black wires to the LEMO contacts as indicated in the connector wiring table.
- Use heatshrink (item 8) to insulate LEMO connector solder joints.
- Fit heatshrink (item 7) under LEMO collet.
- Affix the cable label (item 4) to the cable in the position shown ensuring that the label (item 4) reads from left to right from LEMO end.
- Shrink the clear heatshrink (item 5) over the label ensuring that its edges are not jagged.



BILL OF MATERIALS					
ITEM	QTY	MANUFACTURER	MANUFACTURER PN	DESCRIPTION	RACELOGIC PN
1	1	PRO POWER	PP01007	CIGAR PLUG WITH 3A FUSE	PP01007
2	1	PRO POWER	SPC35191	100mm X 2.5mm CABLE TIE	178-462
3	A/R	BELDEN	8451	2 CORE BELDEN CABLE 22AWG	529-187
4	1	AVERY	J8658-26	CABLE IDENT ON 25.4 X 10mm LABEL	
5	30mm	PRO POWER	CGFC-6/2-X	HEATSHRINK CLEAR 6mm 3:1	304-6539
6	1	LEMOUK	GMA.0B.030.DN	BLACK LEMO SLEEVE	GMA.0B.030.D
7	A/R	PRO POWER	SP48/RL/BLACK	HEATSHRINK 4.8mm 2:1 BK	100-8431
8	A/R	PRO POWER	SP3X15/5/BLACK	HEATSHRINK 1.5mm 3:1	119-1021
9	1	LEMOUK	FGG.0B.302.CLAD52Z	2 WAY LEMO PLUG	LEMO 2WAY P

CONNECTION TABLE			
CIGAR			2 WAY LEMO
PIN	WIRE	FUNCTION	PIN
CENTRE	RED	POWER	1
SIDE CLIPS	BLACK	GROUND	2
SIDE CLIPS	SCREEN	SHIELD	SHELL

LENGTH VARIANTS	
CABLE NAME	LENGTH
RLCAB010LE	2m +/- 20mm
RLCAB010LE-3	3m +/- 20mm
RLCAB010LE10	10m +/- 100mm

DRAWING NUMBER	RLCAB010LE-x	DRAWN	B.SELBY	SHEET	1/1
DESCRIPTION	SCREENED LEMO 2 WAY TO 12V CIGAR LIGHTER				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
10	Cigar plug changed and spring removed	13-12-21	ST	18224	