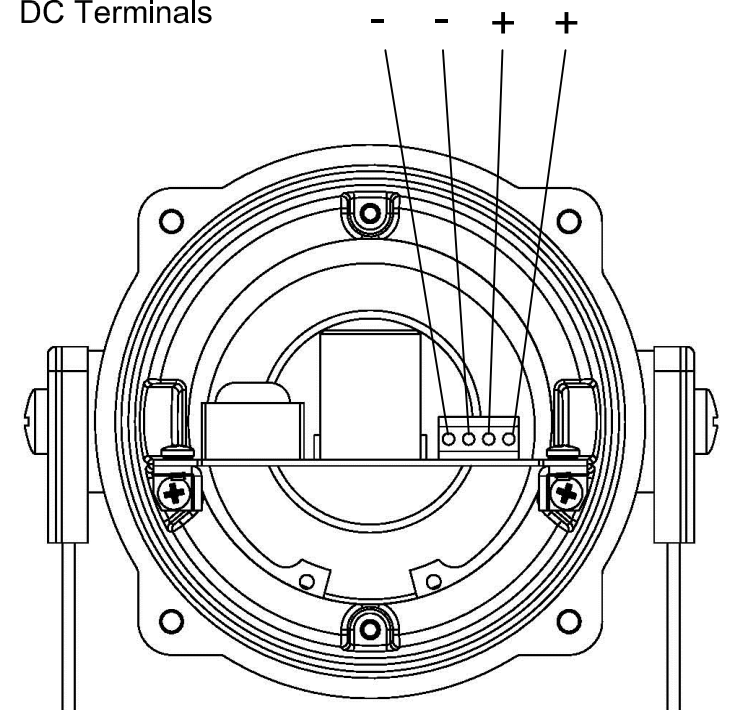


8	9	10
ISSUE	MOD No.	INITIAL/DATE
A		INTRODUCTION OF CIRCUIT RNP 23-09-2016

Fig 1 DC Terminals

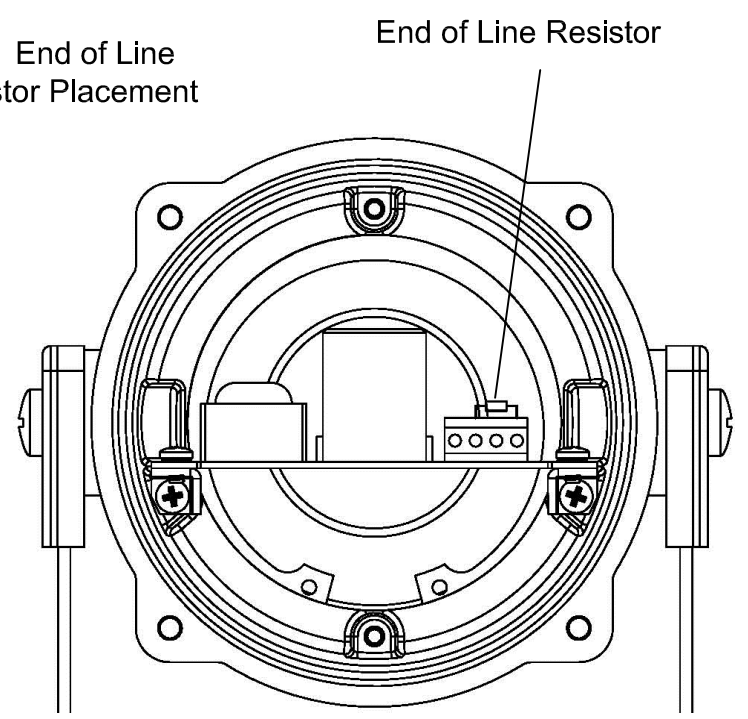


**Line Monitoring**

On BExBG05D DC units,  
DC reverse line monitoring can be used as required.  
All DC beacons have a blocking diode fitted in their supply input lines. An end of line monitoring diode or an end of line monitoring resistor can be connected across the +ve and -ve terminals.  
If an end of line resistor is used it must have a minimum resistance value of 3k3Ω and a minimum power rating of 0.5 watts or a minimum resistance value of 500Ω and a minimum power rating of 2 watts.

The resistor must be connected directly across the +ve and -ve terminals as shown in the following drawing. The resistor leads should be kept as short as possible.

Fig 2 End of Line Resistor Placement



BEACON TERMINALS

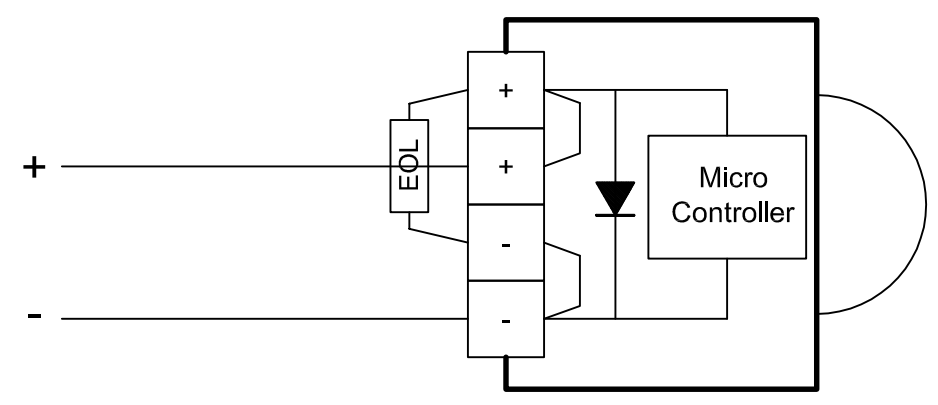


Fig 3 Schematic of EOL Resistor in Circuit

DRAWING TO BS8888:2000  
GEOMETRIC TOLERANCES TO ISO1101:1983  
LINEAR DIMENSIONAL TOLS +/-0.35mm  
ANGULAR DIMENSIONAL TOLS +/-2 deg

STANDARDS  
**EOL MONITORING**

DRAWN	R. POTTS	DATE	23-09-16
CHECKED	B.ISARD	DATE	23-09-16
APPROVED	R. POTTS	DATE	23-09-16

SURFACE FINISH	WEIGHT (Kg)
MATERIAL	
ALTERNATIVE MATERIAL	

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DO NOT SCALE

TITLE **BExBG05 ; LINE MONITORING EOL AND DIODE SCHEMATIC DIAGRAM**

SCALE	SHEET	DRAWING NUMBER
1:1	1 OF 1	SK0445

**A3**