

Revision	Date	Change
2	30/04/09	Dual channel extra notes re. terminals
3	20/11/09	clarification

Gas Barrier Installation

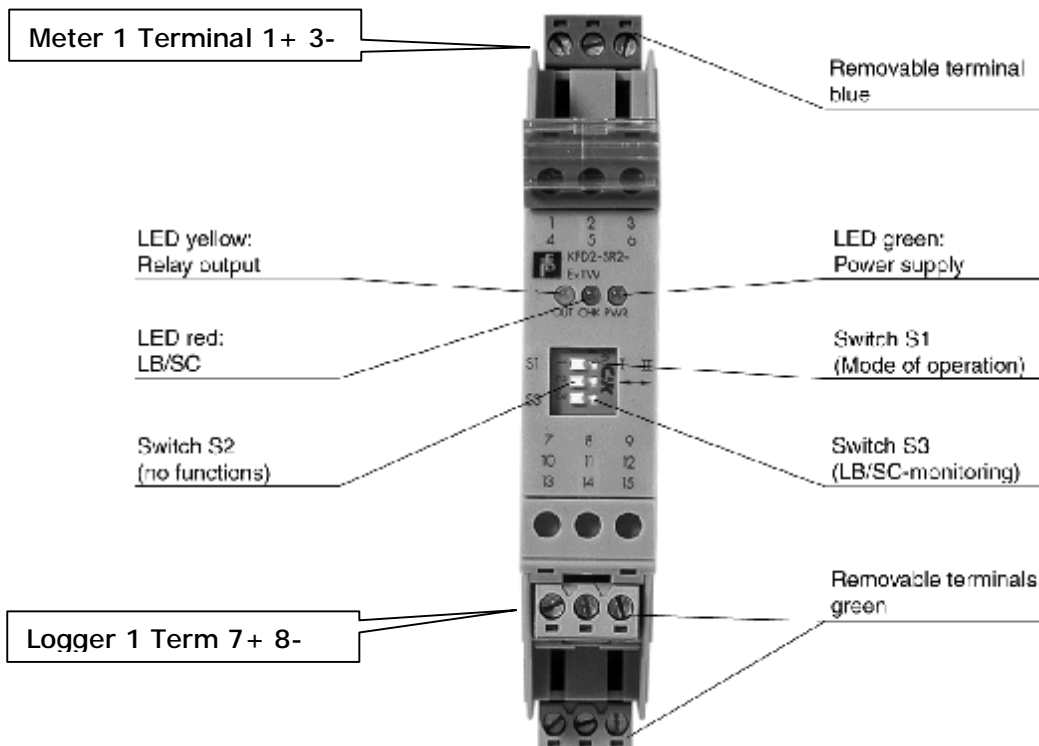
Use of the Pepperl & Fuchs gas barriers with SHM dataloggers.

Single Channel

This connects to a single Gas Meter.

Function	Terminal	Terminal (safe area)	Function
Mains Live	14		
Mains Neutral	15		
Logger +	7	1	Gas Meter +
Logger -	8	3	Gas Meter -

Switch S1	I
S2	I
S3	II



Dual Channel

This connects 2 Gas Meters, though same size as the single barrier.

Function	Green Terminal – to Logger	Blue Terminal (safe area) – to Meter	Function
Mains Live	14		
Mains Neutral	15		

Logger Channel 1+	7	1	Gas Meter 1 +
Logger Channel 1 -	8	3	Gas Meter 1 -

Logger Channel 2+	10	4	Gas Meter 2 +
Logger Channel 2 -	11	6	Gas Meter 2 -

Switch S1	I
S2	I
S3	II

* Note terminals as diagram:-

