

MTL4728- FOR NEGATIVE AND FLOATING SUPPLIES

- for switches, solenoids, LEDs, 4/20mA,
transmitters, etc



The MTL4728- is a 4-channel barrier designed to be used in applications using negative or floating power supplies and positive earths. It is identical to the MTL4728+ barrier except that the safety diodes are reversed. It can also be thought of as an MTL4706+ without the built-in power supply. Used with a floating supply, it provides a positive output wrt 0V to the safe area.

SPECIFICATION

(See also common specification)

Channels

4 identical

Safety description

28V, 300Ω, 93mA

Polarity

Negative

Max. end-to-end resistance

330Ω

V_{wkg} at 10μA

26.3V

V_{max}

27.0V

Fuse rating

50mA

Matched power

0.65W

MAXIMUM CABLE PARAMETERS

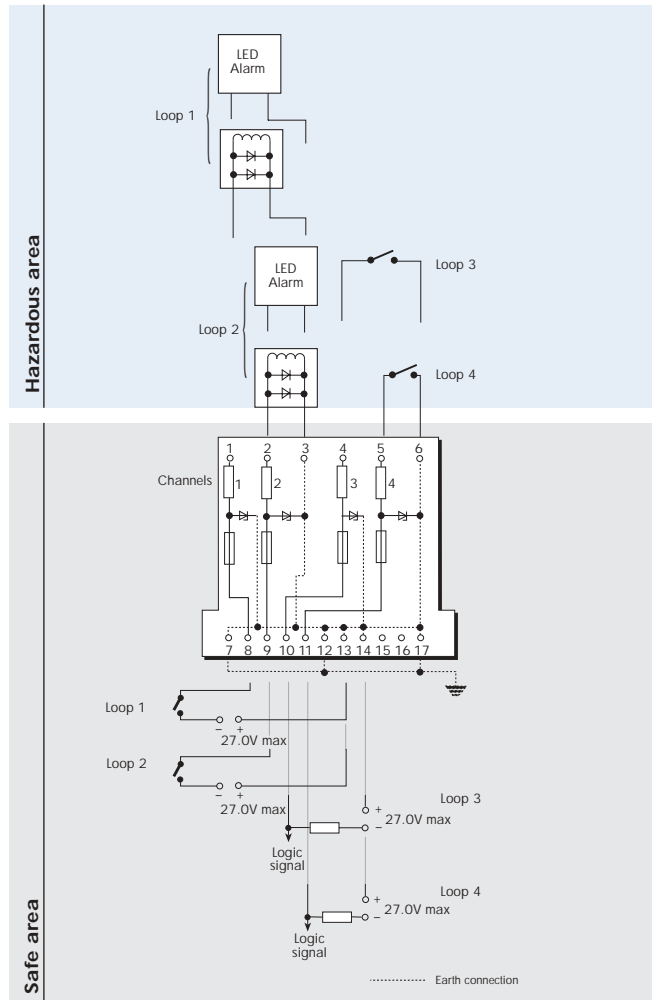
(for single channel with earth return)

BASEEFA (group IIC)			FM (groups A & B)	
Capacitance (μF)	Inductance (mH) or L/R ratio (μH/Ω)		Capacitance (μF)	Inductance (mH)
0.13	4.2	55	0.14	4.23

(for two channels with earth return)

BASEEFA (group IIB)			FM (groups C & E)	
Capacitance (μF)	Inductance (mH) or L/R ratio (μH/Ω)		Capacitance (μF)	Inductance (mH)
0.39	4.3	83	0.36	4.73

DIGITAL (ON/OFF) INPUTS OR OUTPUTS



ANALOGUE INPUTS (HIGH LEVEL)

