

# MTL4728+

## FOR FOUR OUTPUTS

digital (on/off) or 4/20mA controller outputs



The MTL4728+ is a 4-channel barrier designed primarily for controller outputs and for solenoid, alarm and LED driving applications. As each loop is powered, typically, by a single channel, the module can drive four hazardous-area devices. It is not designed to accept bussed power since, for solenoid driving applications, the control switch is often in the power leg of the circuit. The unit incorporates an earth return circuit (as opposed to the MTL4787+ and MTL4787P+ modules which cover a similar range of applications but with a diode return).

### SPECIFICATION

(See also common specification)

#### Channel numbers

1 to 4

#### Safety description

28V, 300Ω, 93mA

#### Polarity

Positive

#### Max. end-to-end resistance

330Ω

#### V<sub>wkg</sub> at 10μA

26.3V

#### V<sub>max</sub>

27.0V

#### Fuse rating

50mA

#### Matched power

0.65W

### MAXIMUM CABLE PARAMETERS

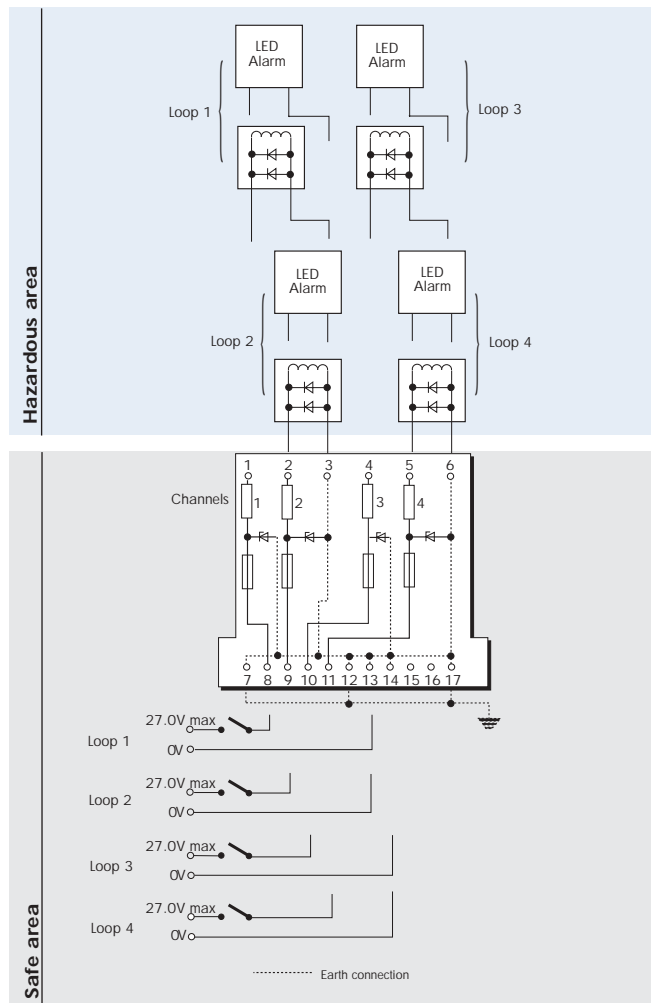
(for single channel with earth return)

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) OUTPUTS



### ANALOGUE OUTPUTS

