

MTL4796– FOR TWO VIBRATION PROBES



The MTL4796– is a twin 2-channel barrier designed primarily for use with 3-wire vibration probes. As each probe typically requires two barrier channels and an earth return, the module will interface with two such devices in the hazardous area. The module is not designed to operate with bussed power.

SPECIFICATION

(See also common specification)

Channel numbers

1 and 3

Safety description

26V, 300Ω, 87mA

Polarity

Negative

Max. end-to-end resistance

330Ω

V_{wkg} at 10μA

24.4V

V_{max}

25.2V

Fuse rating

50mA

Matched power

0.56W

Channel numbers

2 and 4

Safety description

20V, 390Ω, 51mA

Polarity

Negative

Max. end-to-end resistance

425Ω

V_{wkg} at 1μA

18.5V

V_{max}

19.6V

Fuse rating

50mA

Matched power

0.26W

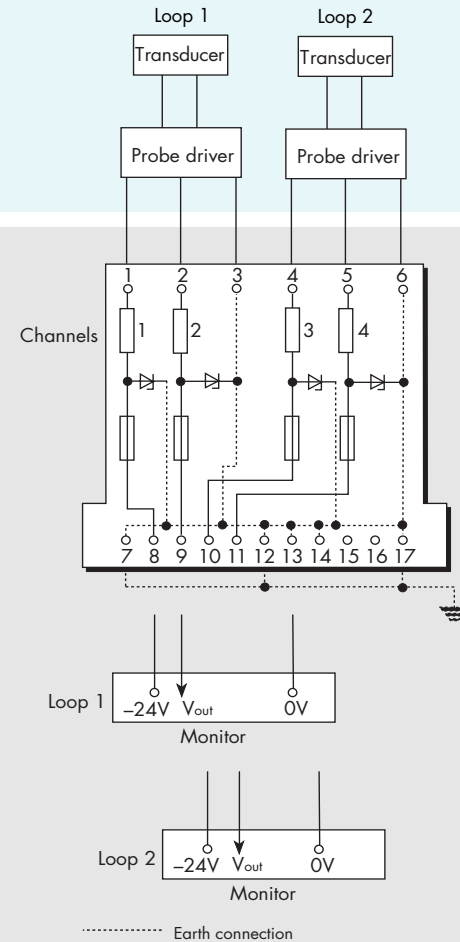
MAXIMUM CABLE PARAMETERS

(for channel pairs 1 & 2 or 3 & 4, with earth return)

BASEEFA (group IIC)			FM (groups A & B)	
Capacitance (μF)	Inductance (mH) or L/R ratio (μH/Ω)		Capacitance (μF)	Inductance (mH)
0.16	1.9	31.5	0.14	1.72

Hazardous area

Safe area



See also approvals, dimensions and ordering information