

Type 5610 Data Sheet

Patol Part No. 722-010

1.0	Make	:	Patol, U.K.
2.0	Detector Type	:	5610
2.1	Air Purge Type	:	Input Fitting - 10mm Compressed Air Hose Adapter (Compressed Air Supply Supplied by Others)
3.0	Application	:	Detection of moving hazards at temperatures below flame point including both embers and buried hot spots.
4.0	Conveyor Transit Speed	:	Range: 0.5 to 10 m/sec For conveyor speeds greater than 6m/s the properties of the monitored material needs to be considered.
5.0	Tuned Response	:	Solar Blind
6.0	Sensitivity	:	10 to 40 μ W (4 adjustable levels)
7.0	Response Time	:	Less than 50ms
6.0	Spectral Filter	:	5 to 14 μ m
7.0	Supply Voltage	:	20Vdc to 30Vdc
8.0	Supply Current - Relay Mode	:	11mA Quiescent 26mA Max at Full Alarm
8.1	Supply Current - Low Power Mode	:	1.8mA Quiescent <350 μ A Fault 5mA Fire + Alarm
9.0	Internal Setup Indicators	:	Detector - 2 off Internal Red LED's for Alarm (1 per Channel)
9.1	Test Facilities—Internal	:	Fire & Fault Test Switches
10.0	2 Relay outputs- (For direct supply mode only)	:	All Faults (incl Air Purge Failure) N/O - N/C Fire - Activates alarm relay N/O - N/C
11.0	Approval	:	ATEX Ex IECEx Approved
12.0	Ingress Rating	:	IP66

Contact Details:

Patol Limited
 Archway House
 Bath Road
 Padworth, Reading
 Berkshire
 RG7 5HR
 Tel: +44 (0)1189 701 701
 Fax: +44 (0)1189 701 700
 Email: info@patol.co.uk
 Web: www.Patol.co.uk