

CAST-PRO Duct Detector

Part No. **CPDUCT/OPT**



Overview

- Looks for the presence of smoke in air moving through ductwork.
- Kit includes a CAST-PRO CP416 optical smoke detector and a CAST CA408 base supplied in a durable plastic housing c/w sockets for the required length of Venturi tubing (tubing available separately - see More Information tab below).
- Compatible with C-TEC's ZFP and XFP CAST protocol addressable fire panels.
- Can be located horizontally or vertically on the top, bottom or side of a duct ideally well away from devices that could interfere with its operation (heating, cooling or humidity devices).
- Includes an onboard short circuit loop isolator.
- <1mA alarm current.
- 570uA typical quiescent current @ 40V DC.
- Approval to EN 54-27:2015 pending (certificates attached apply to the kit's CP416 detector only).

More Information

ACCESSORIES:

- **ST-2:** Venturi tube (0.6m)
- **ST-5:** Venturi tube (1.5m)
- **ST-EXTEND:** Venturi tube extension (1.06m)
- **HFU204:** Rubber gasket
- **UG-MB-75:** Mounting bracket (for insulated/circular ducts)
- **UG-COVER-75:** IP67 Waterproof cover (for outdoors or cold attics)

Technical Specifications



Compatibility	Compatible with C-TEC's XFP/ZFP CAST Protocol Addressable Fire Panels.
Type	Optical smoke detection
Sensitivity	2 Detection Modes (normal or high sensitivity, default is normal)
Supply wiring	2-wire, polarity sensitive.
Supply/operating voltage	22 to 40V DC.
Quiescent current	570uA @ 40V.
Alarm current (Imax at Vmin)	<1mA.
Alarm current (Iavg at Vmin)	<1mA.
Sound pressure level (LAFmax) at Vmax at 1m	N/A.
VAD category & coverage	N/A.
Indicators	2 LED indicator strips emitting red light when in alarm offering 360° visibility. Optional remote LED.
Connections	A+ (COMM +V); A- (COMM -V); B+ (COMM +V); B- (COMM -V); LED+ (RemoteLED +V); LED- (RemoteLED -V); SCREEN (Cable screen).
Product dimensions (mm)	Refer to product instructions
IP Rating	IP54
Weight	1 kg.
Operating conditions/temperature	-10 to +40C



T 01942 322744 E sales@c-tec.co.uk
F 01942 829867 W www.c-tec.com



C-TEC, Challenge Way, Martland Park, Wigan, WN5 0LD United Kingdom