



PROGRAMMABLE RESETTABLE ANALOGUE LHD CABLE

EN 54-28 analogue LHD reference

5 orderable sizes

STANDARD EN 54-28 analogue LHD reference	TEMPERATURE CLASS 70 °C / 158 F, 85 °C / 185 F, 100 °C / 212 F, 120 °C / 248 F, 130 °C / 266 F	CONDUCTOR Four-core resistance-based temperature sensing cable
INSULATION / JACKET UV resistant polymer outer jacket		

Construction

- 1 ■ **Conductor (per core)** – Four-core resistance-based temperature sensing cable
- 2 ■ **Core insulation** – Heat-sensitive polymer sensor layer
- 3 ■ **Filler** – PP filler
- 4 ■ **Shield** – Braid shield (C)
- 5 ■ **Sheath** – UV resistant polymer outer jacket

Size selection — all available cross-sections

Cable reference	Alarm temperature	Detector type	Sensor construction	Jacket material	Protection	Environment	Controller interface	Zone length guide	OD guide
Programmable resettable analogue LHD cable 70 °C / 158 F UV resistant polymer outer jacket	70 °C / 158 F	Programmable analogue resettable linear heat detector	Four-core resistance-based temperature sensing cable	UV resistant polymer outer jacket	Standard jacket or stainless steel braid option	Tunnels, car parks, solar PV routes, cable galleries and critical equipment monitoring	Dedicated analogue LHD controller with pre-alarm, alarm and fault outputs	Up to 500 m per controller zone	7.4 mm
Programmable resettable analogue LHD cable 85 °C / 185 F UV resistant polymer outer jacket	85 °C / 185 F	Programmable analogue resettable linear heat detector	Four-core resistance-based temperature sensing cable	UV resistant polymer outer jacket	Standard jacket or stainless steel braid option	Tunnels, car parks, solar PV routes, cable galleries and critical equipment monitoring	Dedicated analogue LHD controller with pre-alarm, alarm and fault outputs	Up to 500 m per controller zone	7.4 mm
Programmable resettable analogue LHD cable 100 °C / 212 F UV resistant polymer outer jacket	100 °C / 212 F	Programmable analogue resettable linear heat detector	Four-core resistance-based temperature sensing cable	UV resistant polymer outer jacket	Standard jacket or stainless steel braid option	Tunnels, car parks, solar PV routes, cable galleries and critical equipment monitoring	Dedicated analogue LHD controller with pre-alarm, alarm and fault outputs	Up to 500 m per controller zone	7.4 mm

Cable reference	Alarm temperature	Detector type	Sensor construction	Jacket material	Protection	Environment	Controller interface	Zone length guide	OD guide
Programmable resettable analogue LHD cable 120 °C / 248 F UV resistant polymer outer jacket	120 °C / 248 F	Programmable analogue resettable linear heat detector	Four-core resistance-based temperature sensing cable	UV resistant polymer outer jacket	Standard jacket or stainless steel braid option	Tunnels, car parks, solar PV routes, cable galleries and critical equipment monitoring	Dedicated analogue LHD controller with pre-alarm, alarm and fault outputs	Up to 500 m per controller zone	7.4 mm
Programmable resettable analogue LHD cable 130 °C / 266 F UV resistant polymer outer jacket	130 °C / 266 F	Programmable analogue resettable linear heat detector	Four-core resistance-based temperature sensing cable	UV resistant polymer outer jacket	Standard jacket or stainless steel braid option	Tunnels, car parks, solar PV routes, cable galleries and critical equipment monitoring	Dedicated analogue LHD controller with pre-alarm, alarm and fault outputs	Up to 500 m per controller zone	7.4 mm