



CONVEYOR AND MATERIAL-HANDLING LHD CABLE

Linear heat detection cable reference

4 orderable sizes

STANDARD Linear heat detection cable reference	TEMPERATURE CLASS 78 °C / 172 F, 88 °C / 190 F, 105 °C / 221 F, 138 °C / 280 F	CONDUCTOR Spring conductor pair with heat-sensitive polymer detection layer
INSULATION / JACKET Nylon or fluoropolymer abrasion-resistant jacket		

Construction

- 1 Conductor (per core) – Spring conductor pair with heat-sensitive polymer detection layer
- 2 Core insulation – Heat-sensitive polymer sensor layer
- 3 Filler – PP filler
- 4 Shield – Braid shield (C)
- 5 Sheath – Nylon or fluoropolymer abrasion-resistant 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
Conveyor LHD cable 78 °C / 172 F Nylon or fluoropolymer abrasion-resistant jacket	78 °C / 172 F	Digital fixed-temperature linear heat detector	Spring conductor pair with heat-sensitive polymer detection layer	Nylon or fluoropolymer abrasion-resistant jacket	Optional stainless steel guide wire or overbraid support	Belt conveyors, transfer points, recycling lines and material-handling fire-risk zones	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	6.6 mm
Conveyor LHD cable 88 °C / 190 F Nylon or fluoropolymer abrasion-resistant jacket	88 °C / 190 F	Digital fixed-temperature linear heat detector	Spring conductor pair with heat-sensitive polymer detection layer	Nylon or fluoropolymer abrasion-resistant jacket	Optional stainless steel guide wire or overbraid support	Belt conveyors, transfer points, recycling lines and material-handling fire-risk zones	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	6.6 mm
Conveyor LHD cable 105 °C / 221 F Nylon or fluoropolymer abrasion-resistant jacket	105 °C / 221 F	Digital fixed-temperature linear heat detector	Spring conductor pair with heat-sensitive polymer detection layer	Nylon or fluoropolymer abrasion-resistant jacket	Optional stainless steel guide wire or overbraid support	Belt conveyors, transfer points, recycling lines and material-handling fire-risk zones	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	6.6 mm
Conveyor LHD cable 138 °C / 280 F Nylon or fluoropolymer	138 °C / 280 F	Digital fixed-temperature	Spring conductor pair with	Nylon or fluoropolymer abrasion-	Optional stainless steel	Belt conveyors, transfer	Compatible with conventional	Up to 300 m per	6.6 mm

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abrasion-resistant jacket		linear heat detector	heat-sensitive polymer detection layer	resistant jacket	guide wire or overbraid support	points, recycling lines and material-handling fire-risk zones	fire alarm input or addressable monitor module	monitored zone	