

TUNNEL SENSORS

BD SERIES

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Altech BD Series Tunnel Sensors are used where highest detection capacities, sensitivity and reliability are needed. The user can choose between different control units depending on the complexity of his application. Applications include conveyors in the Plastic and Recycling Industry. The stainless steel housing also allows installation in the food industry. The unit is maintenance and calibration free.

Features

- Highest Sensitivity
- Custom Size (Height and Width)
- Stainless Steel Housing
- Different Control Units
- IP65



TECHNICAL SPECIFICATIONS

Sensor Opening - Height	50mm..750mm (25mm steps)
Sensor Opening - Width	100mm..1400mm (50mm steps)
Housing Material	Stainless Steel
Sensor Material Inside	Epoxy
Mounting	4 x threaded pin M12 x 45
Control Unit	Digital Plus or M-Pulse (Mounted directly to the Tunnel or up to 3m away)
Electrical Connection	Supply via Control Unit

Environmental Data

Operating Temperature	0°C..+50°C
Storage Temperature	-10°C..+50°C
Protection Class	IP65

POSSIBLE CONFIGURATIONS (EXAMPLES)

Part No.	Detection Height	Detection Width	Sensitivity		Dimension T	Dimension Z	Control Unit
			FE-Ball	Stainless Steel-Ball			
AMD-BD20075-DPLUS	75mm	200mm	0.7mm	1.4mm	280mm	100mm	Digital Plus
AMD-BD350100-DPLUS	100mm	350mm	0.8mm	1.8mm	280mm	100mm	Digital Plus
AMD-BD350100-MPULSE	100mm	350mm	0.8mm	1.8mm	280mm	100mm	M-Pulse
AMD-BD350150-DPLUS	150mm	350mm	1.0mm	2.0mm	280mm	100mm	Digital Plus
AMD-BD400200-DPLUS	200mm	400mm	1.2mm	2.2mm	330mm	120mm	Digital Plus
AMD-BD400200-MPULSE	200mm	400mm	1.2mm	2.2mm	330mm	120mm	M-Pulse
AMD-BD450250-DPLUS	250mm	450mm	1.5mm	2.5mm	330mm	120mm	Digital Plus
AMD-BD450250-MPULSE	250mm	450mm	1.5mm	2.5mm	330mm	120mm	M-Pulse
AMD-BD450300-DPLUS	300mm	450mm	1.6mm	2.8mm	380mm	140mm	Digital Plus
AMD-BD600350-DPLUS	350mm	600mm	2.0mm	2.8mm	380mm	160mm	Digital Plus
AMD-BD600350-MPULSE	350mm	600mm	2.0mm	2.8mm	380mm	160mm	M-Pulse
AMD-BD750400-DPLUS	400mm	750mm	3.0mm	4.0mm	430mm	180mm	Digital Plus

Dimensions

