

MODULAR FLAT PACK SENSORS

Altech Modular Flat Pack Sensors are used on conveyor belts and chutes to detect all types of metal in the material being handled. They are used for quality checks and machine protection. Other applications include counting of objects and completeness checks.



Features

- Most Flexible and Modular System
- Dynamic output for highest sensitivity
- 1 and 10 Channel Control Unit
- IP65

Technical Specifications

Electrical/ Supply Data	see Control Unit (Page 16)
Operating Temperature	-10°C..+50°C
Storage Temperature	-10°C..+50°C
Housing Material	Aluminum
Protection Class	IP65
Detection Speed	1...300 ft/min
Connection	2m PVC cable (other on request)

Sensitivity

Fe Plate 30x30x1mm	75mm
Fe Plate 12x12x1mm	55mm
Nut M6	45mm
Nut M4	35mm
Nut M2.5	26mm
Fe Ball 7mm	35mm
Fe Ball 3mm	15mm
Fe Ball 2mm	5mm

* Sensitivity show max. distance between sensor and target.

FLEXIBLE SYSTEM

The Flat Packs are available in 3 different sizes, all of which can be lined up with one another. This makes it a simple matter to create the required detector width from 3 standard elements. The width can also be changed at a later date when using the system. Control units are used to evaluate the signal from the flat packs.

SENSOR MODULES

	Module M140	Module M240	Module M95L	Module M95L
Frequency F1	NO/ NC	NO/ NC	NO/ NC	NO/ NC
Frequency F2	100Hz	100Hz	100Hz	100Hz
Frequency F3	LED	LED	LED	LED
Frequency F4	M12, 4 pole	M12, 4 pole	M12, 4 pole	M12, 4 pole

Dimensions

Width	140mm (5.5")	240mm (9.4")	95mm (3.7")	95mm (3.7")
Length	205mm (8.1")	205mm (8.1")	205mm (8.1")	205mm (8.1")
Height	28mm (1.1")	28mm (1.1")	28mm (1.1")	28mm (1.1")
Weight	1250g (2.75lb)	2500g (5.5lb.)	800g (1.76lb.)	800g (1.76lb.)

