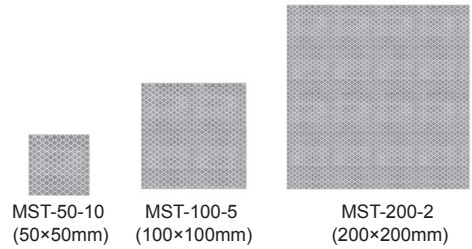


MST (Retroreflective Tape)

NEW

■ Features

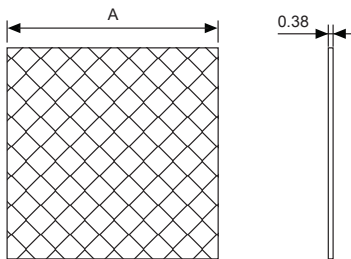
- Easy attached at curved surface or narrow space
- Available to cut the tape according to the environment
- High retroreflective performance per unit



■ Specifications

Model	MST-50-10	MST-100-5	MST-200-2
Applied sensor	Standard type: BM1M-MDT, BMS2M-MDT, BR3M-MDT, BEN5M-MDT, BX5M-MDT, BTS-MDT Retroreflective type (Built-in polarizing filter): BJ3M-PDT, BEN3M-PDT, BX3M-PDT		
Size	50×50mm	100×100mm	200×200mm
Material	Surface film: PMMA, Prism layer: PC, Adhesive layer: Acrylic		
Environment	Ambient temperature: -35 to 65°C (Available temperature: 10 to 30°C)		
Packaging (per unit)	10ea	5ea	2ea

■ Dimensions



(unit: mm)

	A
MST-50-10	□50
MST-100-5	□100
MST-200-2	□200

※ There may be a ±0.02mm error in thickness dimension.

■ Reflectivity By Reflective Tape Model

○ Standard type

Model	BM1M-MDT	BMS2M-MDT-□	BR3M-MDT-□	BEN5M-MDT	BX5M-MDT-□	BTS200-MDTL-□
MST-50-10	70%	90%	80%	90%	90%	95%
MST-100-5	110%	120%	120%	130%	100%	100%
MST-200-2	170%	190%	140%	140%	110%	100%

○ Retroreflective type (built-in polarizing filter)

Model	BJ3M-PDT-□	BEN3M-PDT	BX3M-PDT-□
MST-50-10	40%	70%	30%
MST-100-5	60%	90%	40%
MST-200-2	100%	120%	60%

※ The reflective tape has higher reflectivity due to bigger size than the reflector.

※ Reflectivity may vary depending on usage environment, installation conditions, and reflective tape size.

※ Generally, the sensing distance and minimum sensing target size increase as tape size increases.

※ For using reflective tape, installation distance should be min. 20mm.

(A) Photoelectric Sensors

(B) Fiber Optic Sensors

(C) Door/Area Sensors

(D) Proximity Sensors

(E) Pressure Sensors

(F) Rotary Encoders

(G) Connectors/ Sockets

(H) Temperature Controllers

(I) SSRs / Power Controllers

(J) Counters

(K) Timers

(L) Panel Meters

(M) Tacho / Speed / Pulse Meters

(N) Display Units

(O) Sensor Controllers

(P) Switching Mode Power Supplies

(Q) Stepper Motors & Drivers & Controllers

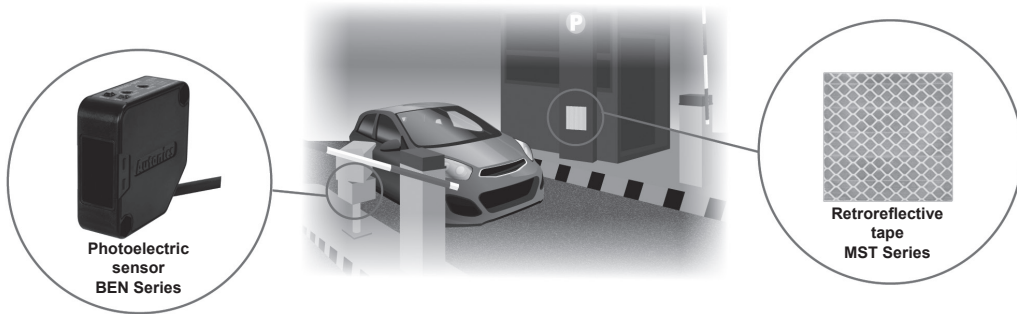
(R) Graphic/ Logic Panels

(S) Field Network Devices

(T) Software

MST Series

■ Applications



■ Proper Usage

- Please clean the adhesive side of the reflective tape with a dry cloth before applying the tape.
- Do not press prism layer of the tape.
- Please clean the tape regularly to maintain optimal performance.
When cleaning, please use neutral detergents only. DO NOT use chemical solvents.
- If the reflective surface is damaged, performance may decline.