

MCR Mecha-controller (dogs for photosensor)



- The combination of two dogs allows easy angle adjustment.
- Angle adjustment does not cause the other dog to turn.
- The detection dog has an angle of 180°. It can be cut off according to the specification.
- Dogs are securely locked in place by tightening the screws on the clasper after angle adjustment. This keeps the dogs from moving out of position.
- Angle adjustment can be carried out more precisely than the conventional fixed shaft method that uses set screws.

Mecha-controller specifications

| Model No. | MCR |
|------------------------------------|-------------------------------|
| Angle adjustment range | 0 to 360° |
| Quantity of jointed detection cams | 1, 2, 3, 4, 5, 6 |
| Mounting hole diameter | φ8, φ10, φ12 |
| Detection cam fixing method | Side clamp type |
| Operating ambient temperature | 5 to 50°C |
| Operating ambient humidity | 85% or less (No condensation) |

Sensor specifications NPN Type

| | |
|--------------|-----------------------------|
| Manufacturer | OMRON |
| Type | EE-SX673A/Connector EE-1001 |

* For details of the sensor, refer to C-98.

Mecha-controller

Product number

MCR 4 - 10

Model No.

Quantity of jointed cams
(1 to 6)

Mounting hole diameter
(φ8, φ10, φ12)

Sensor stay

Product number

MSS 2 - 2

Model No.

Quantity of
jointed sensors
(2 to 6)

Quantity of supplied sensors
No symbol: no sensor