



F39-TGR-MCL

Muting actuators

The F39-TGR-MCL- _ muting actuators are plug-and-play accessories for the F3S-TGR-CL Safety Sensors. Easy wiring of the entire muting system is provided by connection boxes managing all connections needed.

Active/active and active/passive systems supported

T- and L- shape muting by using same parts

Selectable muting sensor sequence

Pre-installed mounting brackets

Pre-wired connection cables

Supporting Type 2 and Type 4 applications

[Compare all models](#) [CAD Library](#)



Specifications & ordering info

Ordering information

Muting actuators (mounting brackets are included)

		Order code
Transmitter + Receiver set	active/active	F39-TGR-MCL
Receiver only	active/active	F39-TGR-MCL-D
Transmitter only	active/active	F39-TGR-MCL-L
Transceiver + Reflector set	active/passive	F39-TGR-MCL-R

Transceiver only	active/passive	F39-TGR-MCL-R-A
Reflector only	active/passive	F39-TGR-MCL-R-P

Connection boxes

	Order code
Connection box for Receivers and Transceivers	F39-TGR-MCL-CMD
Connection box for Transmitters	F39-TGR-MCL-CML

Mounting brackets

	Order code
Mounting bracket for one muting actuator	F39-TGR-MCL-ST

Specifications

Power supply		24 VDC±20%
Consumption		5 W max (F39-TGR-MCL-_ only)
Ambient temperature		During operation; -10 to + 55°C (with no dew condensation)
Cable connector	Length	30 cm pre-wired

	RX	M12 5-pin female
	TX	M12 5-pin female
Degree of protection		IP65
Distance between muting beams		250mm
F39-TGR-MCL	Optical data	Through-beam system
	Operating distance	0 ... 7 m; max. 0 ... 8,4 m
	Light source	Red emitting LEDs, Wavelength 630 nm
F39-TGR-MCL-R	Optical data	Polarized retro-reflective system
	Operating distance	0 ... 4 m; max. 0 ... 4,8 m
	Light source	Red emitting LEDs, Wavelength 660 nm

Configuration examples

L-muting, active/active

1) Safety sensor (e.g. F3S-TGR-CL4A-K2-500)

2) Muting actuators F39-TGR-MCL

3) Connector box F39-TGR-MCL-CML

4) Connector box F39-TGR-MCL-CMD



L-muting, active/passive

1) Safety Sensor (e.g. F3S-TGR-CL4A-K2C-500)

2) Muting actuators F39-TGR-MCL-R

3) Connection box F39-TGR-MCL-CMD



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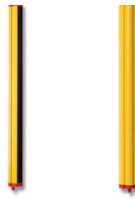




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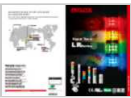


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