

OMRON

Product Discontinuation

Notices

Vision Sensors

February 1, 2010 No.2010026E

Discontinuation Notice of Vision Sensor. FZ-SC5M series

Product Discontinuation
Recommended Replacement

Image: Second state in the second stat

Difference from discontinued product

Model	Body Color	Dimen sions	Wire connection	Mounting Dimensions	Charact eristics	Operation ratings	Operation methods
FZ-SC5M2	**	*	**	*	*	**	**

** : Fully compatible

: The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

Product Discontinuation and recommended replacement

Product discontinuation	Recommended replacement
FZ-SC5M	FZ-SC5M2

OMRON Corporation Industrial Automation Company

Product discontinuation	Recommendable replacemen
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Dimensions



Wire Connection

Product discontinuation	Recommendable replacement
Fully compatible	

Mounting dimensions





Dimensions

	Item	FZ-SC5M/S5M
	Power consumption	4.8W max.(12V DC,0.4A max.)
	Vibration resistance	10 to 150Hz: half-amplitude: 0.35mm: (maximum acceleration: 50m/s ²), 10 times each in X, Y, and Z directions for 8 min
	Shock resistance	Shock resistance 150m/s ² ; 3 times each in 6 directions (up/down, left/right, forward/backward)
	Ambient Temperature	Operating: 0 to 40 °C (with no icing nor condensation) Storage: -25 to 65 °C (with no icing nor condensation)
	Ambient humidity	Operating and storage: 35% to 85% (with no condensation)
	Ambient environment	No corrosive gases
	Degree of protection	IEC60529 IP20 (in-panel)
	Materials	Cover :Galvanized steel sheet metal Case :Die-cast(ADC-12) Camera mounting base : PBT / Glass fiber
	Weight	Approx. 140g (including base)
٦	Cable length	Maximum 5m

ltem	FZ-SC5M2/S5M2
Power consumption	4.3W max.(13V DC,0.33A max.)
Vibration resistance	10 to 150Hz: half-amplitude: 0.35mm: (maximum acceleration: 50m/s ²), 10 times each in X, Y, and Z directions for 8 min
Shock resistance	Shock resistance 150m/s ² ; 3 times each in 6 directions (up/down, left/right, forward/backward)
Ambient Temperature	Operating: 0 to 40 °C (with no icing nor condensation) Storage: -25 to 65 °C (with no icing nor condensation)
Ambient humidity	Operating and storage: 35% to 85% (with no condensation)
Ambient environment	No corrosive gases
Degree of protection	IEC60529 IP20 (in-panel)
Materials	Case :Aluminum alloy Camera mount : PC/ABS Thread part of mount :Low cadmium brass
Weight	Approx. 98g (including base)
Cable length	Maximum 5m

Operation ratings

Product discontinuation	Recommendable replacement
Fully compatible	

Operation methods

Product discontinuation	Recommendable replacement
Fully compatible	