

Discontinuation Notice of Multi code reader V400-R1 series.**Product Discontinuation**

Ultra-small multi code reader

Model V400-R1CF**Model V400-R1CS****Recommended Replacement**

Multi Code Reader

Model V400-R2CF65**Model V400-R2CF125****No recommended replacement****[Discontinuation date]**

The end of March, 2015

[Caution on recommended replacement]

It is necessary to change about the mouting position because the outward form size is miniaturized.

No recommended replacement about Side view model (V400-R1CS).

Please select and use the Front view model (V400-R2CF65 / V400-R2CF125)

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimen-sions	Wire connection	Mounting Dimensions	Charact-eristics	Operation ratings	Operation methods
Model V400-R2CF65	**	--	**	*	**	**	**
Model V400-R2CF125	**	--	**	*	**	**	**

** : Compatible

* : The change is a little/Almost compatible



-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
Model V400-R1CS	No recommended replacement
Model V400-R1CF	Model V400-R2CF65 Model V400-R2CF125

[Body color]

Product discontinuation Model V400-R1CS / V400-R1CF	Recommendable replacement Model V400-R2CF65 / V400-R2CF125
	

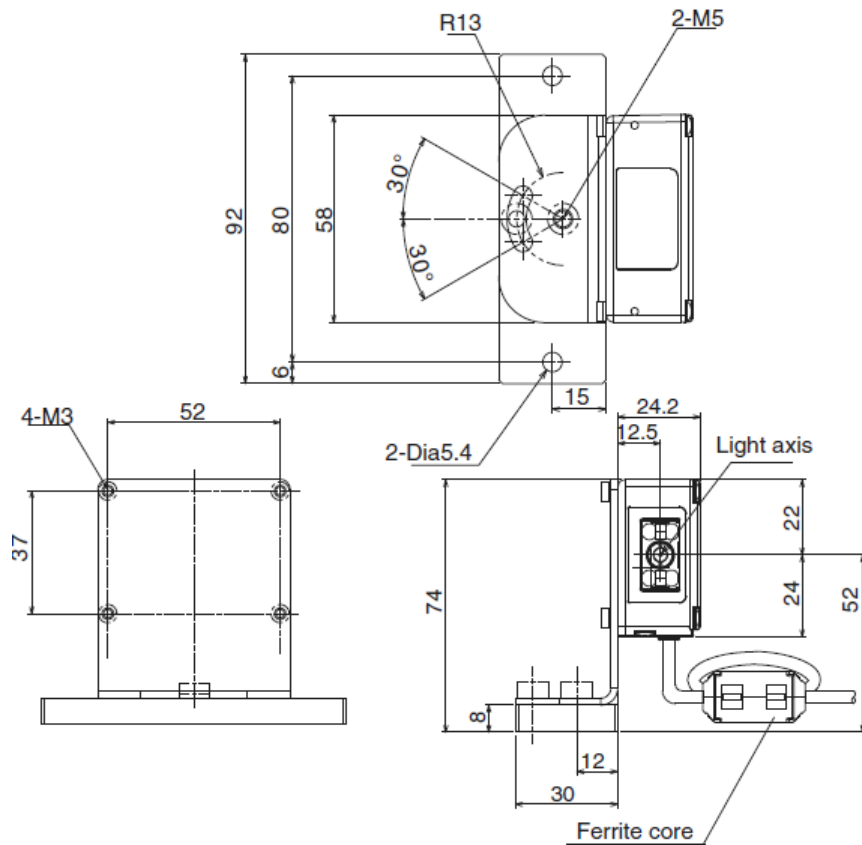
[Wire connection]

Product discontinuation Model V400-R1CS / V400-R1CF	Recommendable replacement Model V400-R2CF65 / V400-R2CF125																																																																																								
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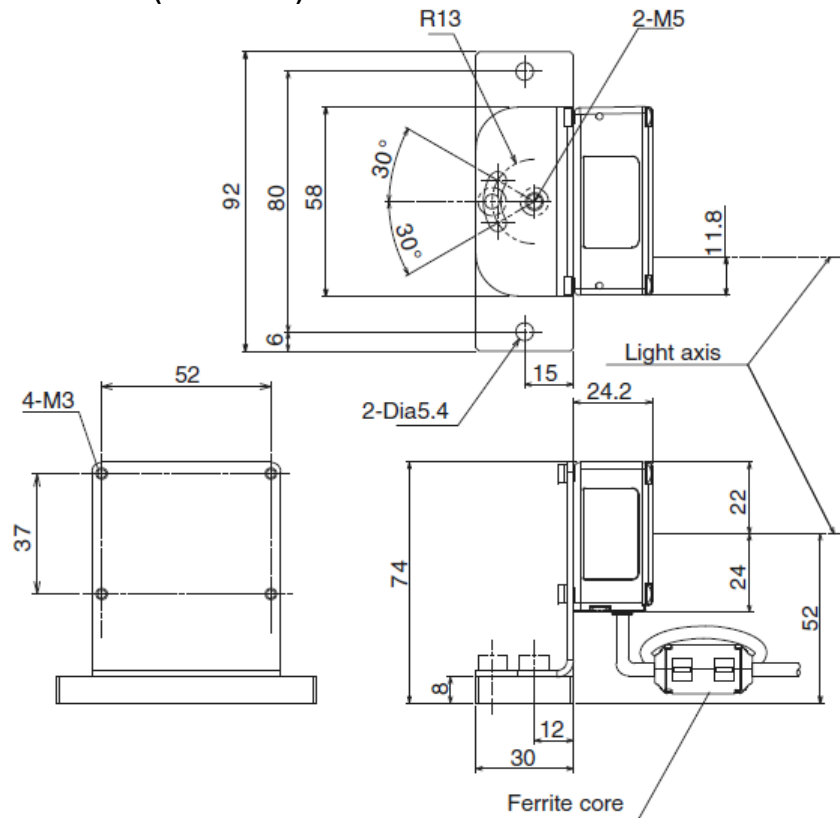
[Mounting dimensions]

Product
discontinuation.
Model V400-R1CS
Model V400-R1CF

Model V400-R1CS (Side view)



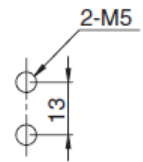
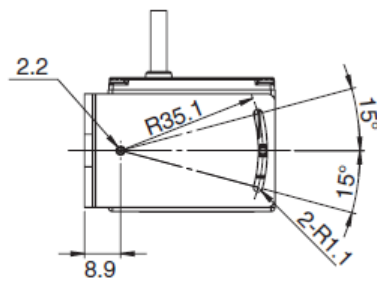
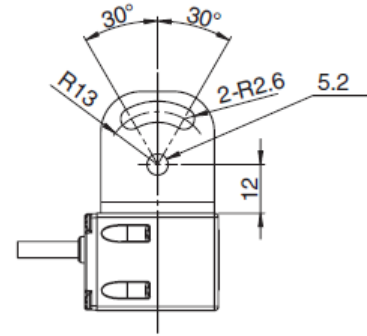
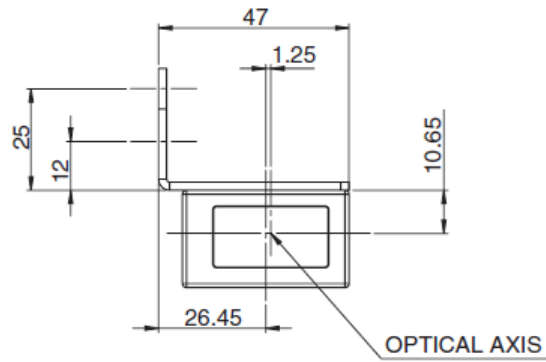
Model V400-R1CF (Front view)



[Mounting dimensions]

Model V400-R2CF65 / V400-R2CF125

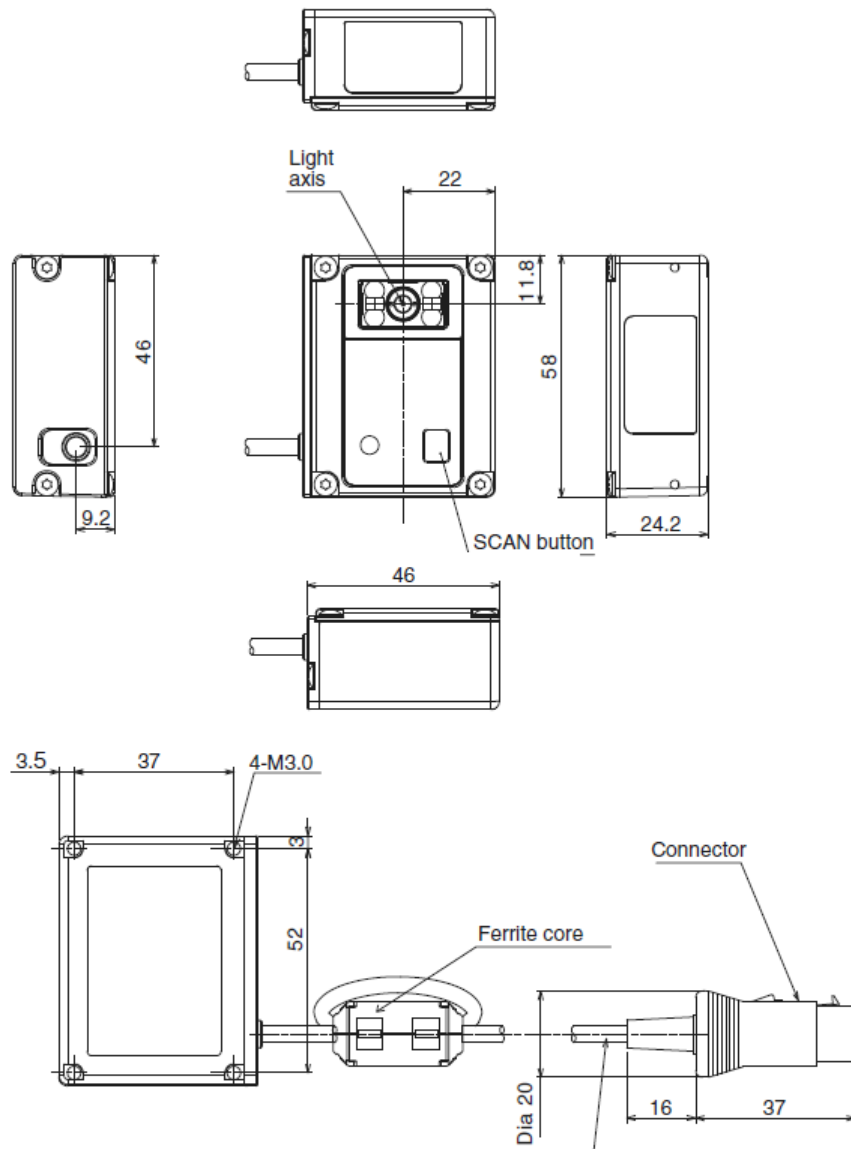
Recommendable replacement.
 Model V400-R2CF65
 Model V400-R2CF125



Mounting hole dimension

[Dimensions]

Model V400-R1CS (Side view model)

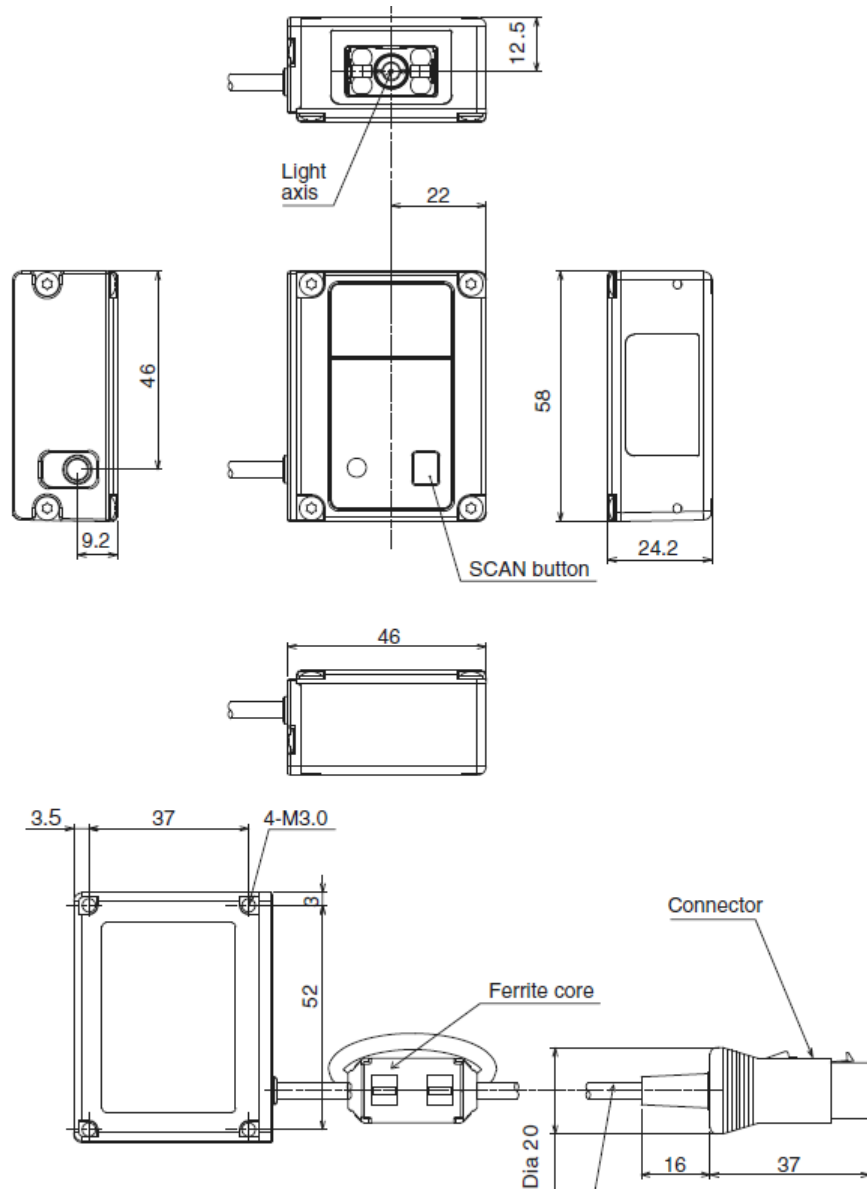


Product discontinuation.
Model V400-R1CS
Model V400-R1CF

Vinyl insulated round cord Dia3.8 10-core Black
Standard length 1.5 m

[Dimensions]

Model V400-R1CF (Front view model)



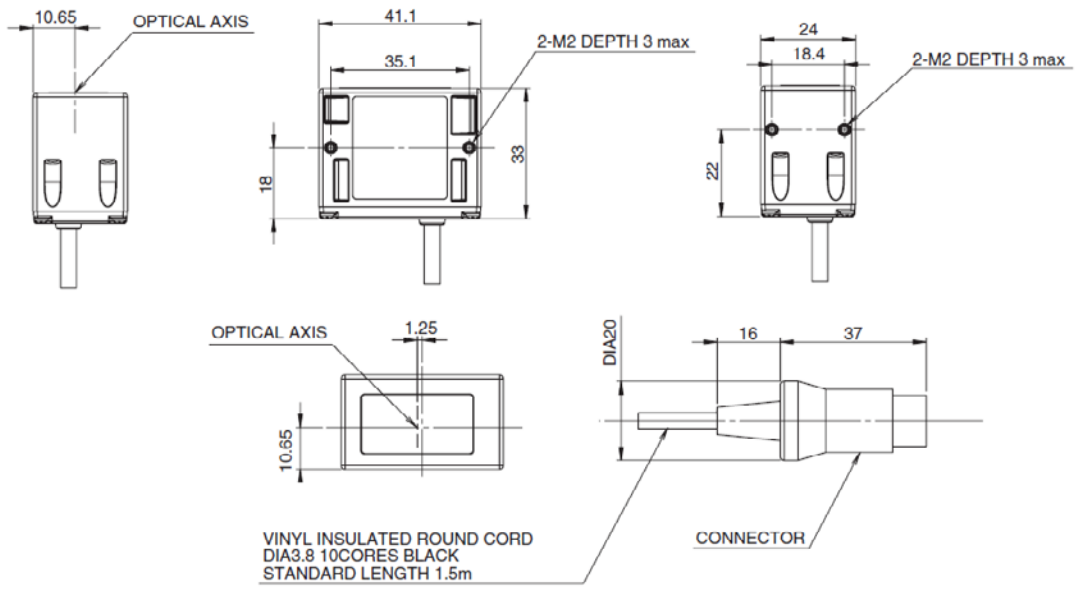
Product discontinuation.
Model V400-R1CS
Model V400-R1CF

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[Dimensions]

Model V400-R2CF65 / V400-R2CF125

Recommendable
replacement.
Model
V400-R2CF65
Model
V400-R2CF125



[Characteristics]

Item		Product discontinuation Model V400-R1CS / V400-R1CF	Recommendable replacement Model V400-R2CF65 / V400-R2CF125
View direction		Model V400-R1CS: Side view Model V400-R1CF: Front view	Model V400-R1CF65: Front view Model V400-R1CF125: Front view
Applicable codes	Bar code	JAN/EAN/UPC (A, E), CODE39, NW-7, ITF, Industrial2of5, CODE93, CODE128 (including EAN128), RSS	WPC (JAN/EAN/UPC), Codabar (NW-7), ITF, Industrial2of5 (STF), Code39, Code93, Code128, GS1-128 (EAN-128), GS1-Databar (RSS-14), GS1-Databar Limited (RSS Limited), GS1-Databar Expanded (RSS Expanded), GS1-Databar Composite (RSS Composite)
	2D code	DataMatrix (ECC200), QR code, Micro QR code, PDF417, RSS	QR code, DataMatrix (ECC200), Micro QR code, PDF417, MicroPDF417, AztecCode, MaxiCode, Codablock-F
	Number of reading digit	No upper limit (depend on bar widths and reading distance)	
Reading performance	Light source	Four red LEDs (wave length: 630 nm)	Two red LEDs (wave length: 617 nm)
	Aiming light	Two green LEDs (wave length: 527 nm)	One green LEDs (wave length: 528 nm)
	Minimum resolution	Bar code: 0.1 mm 2D code: 0.169 mm	Model V400-R2CF65 Bar code: 0.076 mm 2D code: 0.169 mm Model V400-R2CF125 Bar code: 0.127 mm 2D code: 0.212 mm
	Image capture device	Monochrome CMOS (1280 × 1024 pixels)	Monochrome CMOS (752 × 480 pixels)
	Working distance (WD)	60 mm	Model V400-R2CF65: 65 mm Model V400-R2CF125: 125 mm
	Field of view	52 × 41 mm (60 mm)	Model V400-R2CF65: 48 × 31 mm (65 mm) Model V400-R2CF125: 93 × 59 mm (125 mm)
	Skew angle (α)	±50°	
	Pitch angle (β)	±50°	
	Tilt angle (γ)	±180°	
	Reading of bar codes on curved surface (R)	R ≥ 15 mm (JAN8) R ≥ 20 mm (JAN13)	R ≥ 20 mm (UPC12 digit)
Interface	Communication specification	RS-232C	
	OK/NG outputs	NPN open collector output (Necessary to cable shaping)	
Function setting method		Menu sheet reading method or host command method	

Item		Product discontinuation Model V400-R1CS / V400-R1CF	Recommendable replacement Model V400-R2CF65 / V400-R2CF125
Functional specification	Reading trigger	External trigger (Transistor input) Trigger by command (RS-232C) Trigger a test reading by pressing the SCAN button on the product	
	OK/NG signals	OK signal is turned on to indicate a successful read NG signal is turned on to indicate a successful a no-registered label	
	Indication LED	OK LED (green) illuminates to indicate a successful read NG LED (red) illuminates for failed reading with an error message output	OK LED (green) illuminates to indicate a successful read
	Buzzer	Notifies a successful reading with a buzzer sound (Muting available)	
Power supply specifications	Power voltage	DC 4.5 to 5.5 V	
	Consumption current	During operation: 500 mA or less During standby: 300 mA or less	During operation: 265 mA or less During standby: 70 mA or less
Environmental specifications	Ambient temperature	At operation: 0 to +45°C At storage: -20 to +60°C	At operation: 0 to +45°C At storage: -10 to +60°C
	Ambient atmosphere	At operation and storage: 20 to 85%RH (with no icing or condensation)	
	Ambient humidity	No corrosive gas	
Environmental specifications	Ambient light resistance	10,000 lx (fluorescent lamp), 100,000 lx (sunlight)	
	Vibration Resistance (destructive)	12 to 100 Hz, 19.6 m/s ² (2 G), 1 hour each in three directions	10 to 150 Hz, single amplitude: 0.35 mm, X/Y/Z directions 8 minutes each, 10 times
Degree of protection		IP54 (IEC60529 standard)	IP65 (IEC60529 standard)
Weight		Approximately 270 g (including Cable, Ferrite core, Mounting bracket, Insulation board and screw)	Approximately 200 g (including Cable, Mounting bracket and screw)
Main body dimension		Approximately 58 × 46 × 24.2 mm	Approximately 41.1 × 33 × 24 mm
Code length		Approximately 1.5 m	
Input connector		Round DIN connector	
Accessories		Operation manual, Menu sheet, Ferrite core, Mounting bracket, M3 × 8screws (four), M5 × 10screws (two)	Operation manual, Menu sheet, Mounting bracket, M2 × 6screws (two), M5 × 10screws (two)
Material	Case	Aluminum die-cast (ADC12)	PC, PET
	Reading window	PMMA	PMMA
	Cable	PVC	PVC

Specifications and prices in this product news are as of the issue date and are subject to change without notice.
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.