CKD

Remote I/O
RT Series

PROFINET
Device unit added

New

PROFI NET

IP65/IP67

EtherNet/IP™

⊘ IO-Link

EtherCAT®

CKD Corporation

CC-1622A

Device unit

RT-XT

Communication unit connecting the PLC and I/O units

cULus CE RoHS

■ Specifications

Item			RT-XTECN00N	RT-XTENN00N	RT-XTEPN00N
General specifications	Size (W×H×D)	mm	46.1 x 106 x 55.8		
	Weight	g	Approx. 230		
	Environmental resistance	Degree of protection	IP65 / IP67 (with manifold)		
		Ambient temperature °C	−10 to 55		
		Working atmosphere	No corrosive gas or heavy dust		
	Vibration resistance	10 to 57Hz	Half amplitude: 0.75 mm		
		57 to 150Hz	Acceleration: 98m/s^2		
	Shock resistance m/s^2		294		
Communication specifications	Network		Supports EtherCAT DC mode Max. 513 byte used	EtherNet/IP DLR compatible Max. 513 byte used	PROFINET IO MRP compatible Max. 513 byte used
	Connector		M12 (D) 4-pin female ×2		
Input specification	Max. number of points		Max. 4096 points (512 bytes) including input and output		
Output specifications	Max. number of points				
Electrical specifications	Internal current consumption mA	For unit / input	100 or less		
		For output	20 or less		
	LED		For component, communication status display / 8 pcs		
Function specifications	Number of connectable I/O units		17 units		
	Unit automatic recognition		Recognition and monitoring of unit type / order		
	Configuration software		USB (micro type B) connected to PC	Connect to PC with USB (micro type B) or Ethernet	
	Data synchronization interval between units ms		Approx. 0.5 (min.)		

* The PROFINET compliant device unit unit is not UL compliant (in the process of certification).
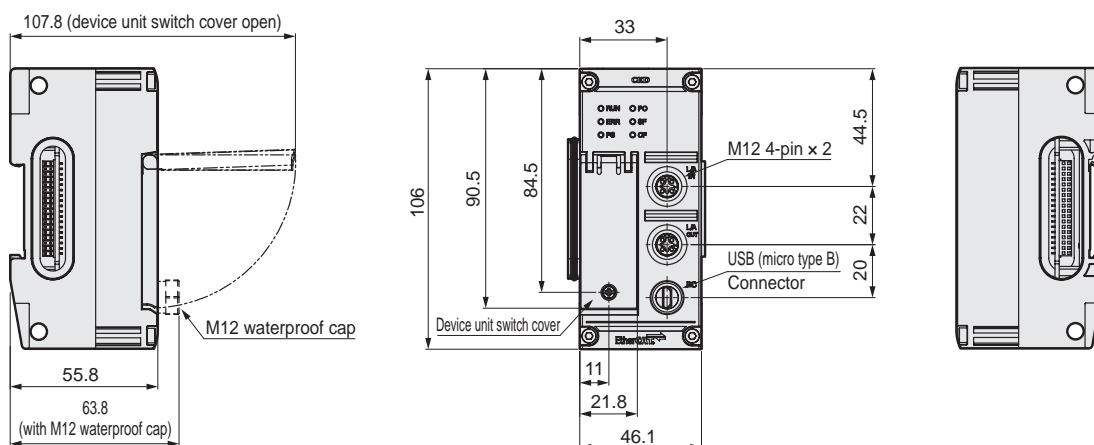
■ How to order

RT-**XT** **EC** N00N

Model No.

Main function

EC	EtherCAT compatible device unit
EN	EtherNet/IP compatible device unit
EP	PROFINET compatible device unit

■ Dimensions

107.8 (device unit switch cover open)

M12 waterproof cap

55.8

63.8 (with M12 waterproof cap)

33

106

90.5

84.5

44.5

22

20

M12 4-pin × 2

USB (micro type B) Connector

Device unit switch cover

11

21.8

46.1

* This figure shows RT-XTECN00N. The logo and other printing parts differ depending on the main functions.

2024.1