

NQ-IL8P

IO-Link Compatible I/O Module

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model		NQ-IL8P
Network Specifications	Compatible Networks	IO-Link
	Connector	M12 5-pin male A-code
	Compatible Standards	Ver1.1
	Communication Speed	COM2: 38.4 kbps
	Minimum Cycle Time	3.2 ms
Power Supply Specifications	Power Voltage	20.4 to 28.8 VDC
	Allowable Current	4 A in total
	Power Consumption	3.5 W or lower (145 mA or lower at 24 V)
Sensor Connection Specifications	Connector Type	M12 5-pin female A-code
	Power Supply Capacity	Ports 1 to 8:Each port max. 120 mA, with short-circuit protection
Digital Input (DI) Specifications	Number of Inputs	Max. 16
	Input Type	PNP
	ON Voltage/ON Current	11 V or higher/2 mA or higher
	OFF Voltage/OFF Current	Less than 5 V/less than 1.5 mA
	Input Current	Approx. 7 mA
Digital Output (DO) Specifications	Number of Outputs	Max. 16
	Output Type	PNP
	Maximum Load Current	Each port max. 0.5 A
	Short-Circuit Protection Circuit	Yes
	Leakage Current	0.1 mA or lower
	Residual Voltage	1 V or lower
Environmental resistance	Enclosure rating	P65/IP67/IP69K
	Ambient temperature	−40°C to +70°C -40°F to +158°F
	Vibration resistance	5 to 150 Hz/20 G/10 sweeps each in X, Y, and Z axes
	Shock resistance	15 G/11 ms/3 times each in X, Y, and Z axes
Case Material		Housing: PA6-GF30 Connector: SUS303
Weight		Approx. 210 g

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

