#### Sensor

## Inspection Model

#### FQ2-S1 Series [Single-function Type]

Field of view		Narrow View	Standard View	Wide View (Long-distance)	Wide View (Short-distance)	
Number of	pixels	350,000 pixels				
Color	NPN	FQ2-S10010F	FQ2-S10050F	FQ2-S10100F	FQ2-S10100N	
Color	PNP	FQ2-S15010F	FQ2-S15050F	FQ2-S15100F	FQ2-S15100N	
Field of v Installation d		Refer to figure <b>1</b> on p.20	Refer to figure <b>2</b> on p.20	Refer to figure <b>3</b> on p.20	Refer to figure <b>4</b> on p.20	

## FQ2-S2 Series [Standard Type]

Field of view		Narrow View	Standard View	Wide View (Long-distance)	Wide View (Short-distance)	
Number of pixels		350,000 pixels				
Color	NPN	FQ2-S20010F	FQ2-S20050F	FQ2-S20100F	FQ2-S20100N	
Coloi	PNP	FQ2-S25010F	FQ2-S25050F	FQ2-S25100F	FQ2-S25100N	
Field of vi		Refer to figure <b>1</b> on p.20	Refer to figure <b>2</b> on p.20	Refer to figure <b>3</b> on p.20	Refer to figure <b>4</b> on p.20	

#### FQ2-S3 Series [High-resolution Type]

Field of v	Field of view Narrow View		Standard View	Wide View (Long-distance)	Wide View (Short-distance)	C-mount
Number of	umber of pixels 760,000 pixels			1.3 million pixels		
Color	NPN	FQ2-S30010F-08	FQ2-S30050F-08	FQ2-S30100F-08	FQ2-S30100N-08	FQ2-S30-13
Color	PNP	FQ2-S35010F-08	FQ2-S35050F-08	FQ2-S35100F-08	FQ2-S35100N-08	FQ2-S35-13
Monochrome	NPN	FQ2-S30010F-08M	FQ2-S30050F-08M	FQ2-S30100F-08M	FQ2-S30100N-08M	FQ2-S30-13M
Wonochrome	PNP	FQ2-S35010F-08M	FQ2-S35050F-08M	FQ2-S35100F-08M	FQ2-S35100N-08M	FQ2-S35-13M
Field of v Installation d		Refer to figure <b>5</b> on p.20	Refer to figure <b>6</b> on p.20	Refer to figure <b>7</b> on p.20	Refer to figure <b>8</b> on p.20	Refer to optical chart on p.30.

#### Inspection / ID Model

#### FQ2-S4 Series [Standard Type]

Field of view		Narrow View	Standard View	Wide View (Long-distance)	Wide View (Short-distance)	
Number of pixels		350,000 pixels				
Color	NPN	FQ2-S40010F	FQ2-S40050F	FQ2-S40100F	FQ2-S40100N	
	PNP	FQ2-S45010F	FQ2-S45050F	FQ2-S45100F	FQ2-S45100N	
Monochrome	NPN	FQ2-S40010F-M	FQ2-S40050F-M	FQ2-S40100F-M	FQ2-S40100N-M	
Monochrome	PNP	FQ2-S45010F-M	FQ2-S45050F-M	FQ2-S45100F-M	FQ2-S45100N-M	
Field of vi		Refer to figure <b>1</b> on p.20	Refer to figure <b>2</b> on p.20	Refer to figure <b>3</b> on p.20	Refer to figure <b>4</b> on p.20	

#### [High-resolution Type]

Field of v	iew	Narrow View	Standard View	Wide View (Long-distance)	Wide View (Short-distance)	C-mount
Number of	nber of pixels 760,000 pixels		1.3 million pixels			
Color	NPN	FQ2-S40010F-08	FQ2-S40050F-08	FQ2-S40100F-08	FQ2-S40100N-08	FQ2-S40-13
	PNP	FQ2-S45010F-08	FQ2-S45050F-08	FQ2-S45100F-08	FQ2-S45100N-08	FQ2-S45-13
Monochromo	NPN	FQ2-S40010F-08M	FQ2-S40050F-08M	FQ2-S40100F-08M	FQ2-S40100N-08M	FQ2-S40-13M
Monochrome	PNP	FQ2-S45010F-08M	FQ2-S45050F-08M	FQ2-S45100F-08M	FQ2-S45100N-08M	FQ2-S45-13M
Field of vinstallation d		Refer to figure <b>5</b> on p.20	Refer to figure <b>6</b> on p.20	Refer to figure <b>7</b> on p.20	Refer to figure 8 on p.20	Refer to optical chart on p.30.

#### ID Model

### FQ2-CH Series [Optical Character Recognition Sensor]

Field of view		Narrow View	Standard View	Wide View (Long-distance)	Wide View (Short-distance)	
Number of pixels		350,000 pixels				
Monochrome	NPN	FQ2-CH10010F-M	FQ2-CH10050F-M	FQ2-CH10100F-M	FQ2-CH10100N-M	
Worldchrome	PNP	FQ2-CH15010F-M	FQ2-CH15050F-M	FQ2-CH15100F-M	FQ2-CH15100N-M	
Field of vi		Refer to figure <b>1</b> on p.20	Refer to figure <b>2</b> on p.20	Refer to figure <b>3</b> on p.20	Refer to figure 4 on p.20	

#### FQ-CR1 Series [Multi Code Reader]

Field of view		Narrow View	Standard View	Wide View (Long-distance)	Wide View (Short-distance)	
Number of pixels		350,000 pixels				
Monochrome	NPN	FQ-CR10010F-M	FQ-CR10050F-M	FQ-CR10100F-M	FQ-CR10100N-M	
Wonochrome	PNP	FQ-CR15010F-M	FQ-CR15050F-M	FQ-CR15100F-M	FQ-CR15100N-M	
Field of vi		Refer to figure 1 on p.20	Refer to figure <b>2</b> on p.20	Refer to figure <b>3</b> on p.20	Refer to figure <b>4</b> on p.20	

#### FQ-CR2 Series [2D Code Reader]

Field of view		Narrow View	Standard View	Wide View (Long-distance)	Wide View (Short-distance)	
Number of pixels		350,000 pixels				
Monochrome	NPN	FQ-CR20010F-M	FQ-CR20050F-M	FQ-CR20100F-M	FQ-CR20100N-M	
Worldcillottle	PNP	FQ-CR25010F-M	FQ-CR25050F-M	FQ-CR25100F-M	FQ-CR25100N-M	
Field of vi Installation d		Refer to figure <b>1</b> on p <b>.</b> 20	Refer to figure <b>2</b> on p.20	Refer to figure <b>3</b> on p.20	Refer to figure <b>4</b> on p.20	

# Sensor [Inspection Model FQ2-S1/S2/S3 Series]

		Single-function type	Standard type		High-reso	lution type	
	NPN	FQ2-S10□□□□	FQ2-S20	FQ2-S30□□□□-08	FQ2-S30□□□□-08M	FQ2-S30-13	FQ2-S30-13M
Model	PNP	FQ2-S15□□□□	FQ2-S25	FQ2-S35□□□□-08	FQ2-S35□□□□-08M	FQ2-S35-13	FQ2-S35-13M
Field of view		Refer to Ordering In	formation on p.19. (	Tolerance (field of view	v): ±10% max.)	Select a lens according and installation distant	ice.
III Stanation	ı	0. 0				Refer to the optical ch	
	Number of simultaneous	Shape Search III, S	nape Search II, Sea 32	rch, sensitive search, a	irea, color data, edge p	osition, edge pitch, ed	ge width, and labeling
Main	measurements	Supported (260° Ma	dal pacition compar	nsation, Edge position of	omnonaction Linear	arraction)	
functions	Number of	,		isation, Luge position t	Compensation, Linear C	orrection)	
	registered scenes	8 *	32 *				
	Calibration	Supported					
	Image processing method	Real color			Monochrome	Real color	Monochrome
	Image filter	Extract edges, Extra	act horizontal edges	stment (Color Gray Filt , Extract vertical edges ors with Color Cameras	, Enhance edges, Back	ground suppression),	
Image	Image elements	1/3-inch color CMOS	S	1/2-inch color CMOS	1/2-inch Monochrome CMOS	1/2-inch color CMOS	1/2-inch Monochrome CMOS
input	Shutter	Built-in lighting ON: Built-in lighting OFF		Built-in lighting ON: 1/ Built-in lighting OFF: 1		1/1 to 1/4155s	
	Processing resolution	752 × 480		928 × 828		1280 × 1024	
	Partial input function	Supported horizonta	ally only.	Supported horizontally	y and vertically		
	Image display	Zoom-in/Zoom-out/F	Fit, Rotating by 180°				
	Lens mounts					C-mount	
Lighting	Lighting method	Pulse					
Lighting	Lighting color	White					
Data	Measurement data	In Sensor: 1,000 iter	ms (If a Touch Finde	er is used, results can b	e saved up to the cap	acity of an SD card.)	
logging	Images	•		is used, images can b		•	
Auxiliary fu	inction	Math (arithmetic, ca	lculation functions, t	) monitor, Password fur rigonometric functions,		vare, Sensor error histo	ory, Calibration,
Measureme	ent trigger	External trigger (sing Communications trigent PLC Link, or PROF	gger (Ethernet TĆP	no-protocol, Ethernet L	JDP no-protocol, Ether	net FINS/TCP no-proto	ocol, EtherNet/IP,
	Input signals	7 signals  • Single measurem  • Control command					
		3 signals					
specificati	Output signals	Overall judgemer     Error output (ERF Note: The assignm     READY     RUN     STG (Strobe trigg     OR0 (Item0 judge)	nt output (OR) ROR) nents of the three ou ger) ement) to OR31 (Iter	m31 judgement)	DUT2) can also be cha	nged to the following:	
specificati		Overall judgemer Fror output (ERF Note: The assignm READY RUN STG (Strobe trigg OR0 (Item0 judge Exp.0 judgement	nt output (OR) ROR) nents of the three ou ger) ement) to OR31 (Iter to Exp.31 judgemer	m31 judgement)	DUT2) can also be cha	nged to the following:	
specificati	Ethernet specifications	Overall judgemer Firor output (ERF Note: The assignm READY NUN STG (Strobe trigg OR0 (Item0 judge Exp.0 judgement 100Base-TX/10Base	nt output (OR) ROR) nents of the three ou ger) ement) to OR31 (Iter to Exp.31 judgemer e-T	m31 judgement) nt			or PROFINET
specificati	Ethernet specifications Communications	Overall judgemer Firor output (ERF Note: The assignm READY NUN STG (Strobe trigg OR0 (Item0 judge Exp.0 judgement 100Base-TX/10Base	nt output (OR) ROR) nents of the three ou ger) ement) to OR31 (Iter to Exp.31 judgemer e-T	m31 judgement) nt P no-protocol, Ethernet	FINS/TCP no-protoco	I, EtherNet/IP, PLC Lin	· ·
specificati	Ethernet specifications Communications I/O expansion	Overall judgemer Firor output (ERF Note: The assignm READY NUN STG (Strobe trigg OR0 (Item0 judge Exp.0 judgement 100Base-TX/10Base	nt output (OR) ROR) nents of the three ou ger) ement) to OR31 (Iter to Exp.31 judgemer e-T	m31 judgement) nt P no-protocol, Ethernet Possible by connectin	FINS/TCP no-protoco g FQ-SDU1_ Sensor [	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and	d 24 outputs
specificati	Ethernet specifications Communications I/O expansion RS-232C	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre	nt output (OR) ROR) nents of the three ou ger) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UD	m31 judgement) nt P no-protocol, Ethernet Possible by connectin	FINS/TCP no-protoco	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and	d 24 outputs
specificati ons	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pro 21.6 to 26.4 VDC (ir	nt output (OR) ROR) nents of the three ou ger) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UD	m31 judgement) nt P no-protocol, Ethernet Possible by connectin	FINS/TCP no-protoco g FQ-SDU1_ Sensor [	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and	d 24 outputs
specificati ons	Ethernet specifications Communications I/O expansion RS-232C	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre 21.6 to 26.4 VDC (ir 2.4 A max. Operating: 0 to 50°C	nt output (OR) ROR) nents of the three outper) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UDI ncluding ripple)	m31 judgement)  nt  P no-protocol, Ethernet  Possible by connectin  Possible by connectin  Operating: 0 to 40°C	FINS/TCP no-protoco g FQ-SDU1_ Sensor [	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and	d 24 outputs
specificati ons	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre	nt output (OR) ROR) nents of the three outper) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UDI ncluding ripple)	m31 judgement)  P no-protocol, Ethernet  Possible by connectin  Possible by connectin  Operating: 0 to 40°C Storage: -25 to 65°C	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and	d 24 outputs
specificati ons	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature range	Overall judgemer Firor output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre	nt output (OR) ROR) nents of the three outper) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UDI ncluding ripple)	P no-protocol, Ethernet Possible by connectin Possible by connectin Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or conde	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and	d 24 outputs
specificati ons Ratings	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature range Ambient humidity range	Overall judgemer Firor output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre	nt output (OR) ROR) nents of the three outper) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UDI ncluding ripple)	P no-protocol, Ethernet Possible by connectin Possible by connectin Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or conde	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and	d 24 outputs
specificati ons  Ratings  Environme	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature range Ambient humidity range Ambient atmosphere	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre 21.6 to 26.4 VDC (ir 2.4 A max. Operating: 0 to 50°C Storage: -25 to 65°C (with no icing or con Operating and stora No corrosive gas	nt output (OR) ROR) nents of the three outper) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UD) ncluding ripple) Condensation) tge: 35% to 85% (with	P no-protocol, Ethernet Possible by connectin Possible by connectin Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or condetted to no condensation)	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and	d 24 outputs
specificati ons  Ratings  Environme	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature range Ambient humidity range Ambient atmosphere Vibration resistance (destruction)	Overall judgemer Firor output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre	nt output (OR) ROR) nents of the three outper) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UDI ncluding ripple) Condensation) age: 35% to 85% (with	P no-protocol, Ethernet Possible by connectin Possible by connectin Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or condetted to no condensation)	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and	d 24 outputs
specificati ons  Ratings  Environme	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature range Ambient humidity range Ambient atmosphere Vibration resistance (destruction) Shock resistance	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre	nt output (OR) ROR) nents of the three outper) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UDI ncluding ripple) Condensation) age: 35% to 85% (with	P no-protocol, Ethernet Possible by connectin Possible by connectin Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or condetted to no condensation)	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [ ensation]	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and	d 24 outputs
specificati ons Ratings Environme	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature range Ambient atmosphere Vibration resistance (destruction) Degree of	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pri 21.6 to 26.4 VDC (ir 2.4 A max. Operating: 0 to 50°C Storage: -25 to 65°C (with no icing or con Operating and stora No corrosive gas 10 to 150 Hz, single 8 min each, 10 time 150 m/s² 3 times ea IEC 60529 IP67 (Ex	nt output (OR) ROR) nents of the three outper) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UDI ncluding ripple)  Condensation) age: 35% to 85% (with a samplitude: 0.35 mn is uch in 6 direction (up	m31 judgement)  P no-protocol, Ethernet Possible by connectin Possible by connectin  Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or condetth no condensation)  n, X/Y/Z directions	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [ ensation)	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and	d 24 outputs
specificati ons  Ratings  Environme	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature range Ambient atmosphere Vibration resistance (destruction) Shock resistance (destruction)	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0) judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre	nt output (OR) ROR) nents of the three outper) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UDI ncluding ripple)  Condensation) age: 35% to 85% (with the control of t	m31 judgement)  P no-protocol, Ethernet Possible by connectin Possible by connectin  Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or condetth no condensation)  n, X/Y/Z directions , down, right, left, forwar	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [ ensation)	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and 0.3 A max.	d 24 outputs I 7 outputs
specificati ons Ratings Environme ntal immunity	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature range Ambient atmosphere Vibration resistance (destruction) Degree of	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pri 21.6 to 26.4 VDC (ir 2.4 A max. Operating: 0 to 50°C Storage: -25 to 65°C (with no icing or con Operating and stora No corrosive gas 10 to 150 Hz, single 8 min each, 10 time 150 m/s² 3 times ea IEC 60529 IP67 (Ex or connector cap is Sensor: PBT, PC, S Mounting Bracket: F Polarizing Filter Atta Ethernet connector:	nt output (OR) ROR) nents of the three outper) ments of three outper) m	m31 judgement)  P no-protocol, Ethernet Possible by connectin Possible by connectin  Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or condetth no condensation)  n, X/Y/Z directions , down, right, left, forward g Filter Attachment is no	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [ ensation)	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and 0.3 A max.	d 24 outputs I 7 outputs eel, ast alloy (ADC-12)
I/O specificati ons  Ratings  Environme ntal immunity  Materials	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature range Ambient atmosphere Vibration resistance (destruction) Degree of	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0) judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre	nt output (OR) ROR) nents of the three outper) ments of the three outper) ments of three	m31 judgement)  P no-protocol, Ethernet Possible by connectin Possible by connectin  Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or condetth no condensation)  n, X/Y/Z directions , down, right, left, forward g Filter Attachment is not compound PVC	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [ ensation)	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and Data Unit. 8 inputs and Data Unit. 8 inputs and Data Unit. 9 inputs and Data	d 24 outputs I 7 outputs eel, ast alloy (ADC-12) arbonate ABS t base,
specificati ons  Ratings  Environme ntal immunity  Materials	Ethernet specifications Communications I/O expansion RS-232C Power supply voltage Current consumption Ambient temperature range Ambient atmosphere Vibration resistance (destruction) Shock resistance (destruction) Degree of protection	Overall judgemer Error output (ERF Note: The assignm READY RUN STG (Strobe trigg ORO (Item0 judge Exp.0 judgement 100Base-TX/10Base Ethernet TCP no-pre 21.6 to 26.4 VDC (ir 2.4 A max. Operating: 0 to 50°C Storage: -25 to 65°C (with no icing or con Operating and stora No corrosive gas 10 to 150 Hz, single 8 min each, 10 time 150 m/s² 3 times ea IEC 60529 IP67 (Ex or connector cap is Sensor: PBT, PC, S Mounting Bracket: F Polarizing Filter Atta Ethernet connector: I/O connector: Lead Narrow View/Standa Wide View:Approx.1 Mounting Bracket (F Polarizing Filter Atta	nt output (OR) ROR) nents of the three outper) ement) to OR31 (Iter to Exp.31 judgemer e-T otocol, Ethernet UDI ncluding ripple)  C c ndensation) age: 35% to 85% (with experiments of direction (up accept when Polarizin removed.) BUS BUS BUS Coli-resistance vinyl l-free heat-resistant ard View:Approx.160 150 g EQ-XL) (1)	m31 judgement)  P no-protocol, Ethernet Possible by connectin Possible by connectin Possible by connectin  Operating: 0 to 40°C Storage: -25 to 65°C (with no icing or condetth no condensation)  n, X/Y/Z directions , down, right, left, forware g Filter Attachment is no  compound PVC D g	FINS/TCP no-protoco g FQ-SDU1_ Sensor [ g FQ-SDU2_ Sensor [ ensation)	I, EtherNet/IP, PLC Lin Data Unit. 11 inputs and Data Unit. 8 inputs and Data Unit. 9 inputs and Data Unit. 10 inputs and Data Unit. 11 inputs and Data	d 24 outputs d 7 outputs d 7 outputs d 7 outputs d 8 outputs d 9 o