

To All Customers

Rep No. C22024

July 20, 2023

Fuji Electric FA Components & Systems Co., Ltd
 Business Operations Department

FA Sensor High Frequency Inductive Type Proximity Switches Notification regarding Production Discontinuation

We would like to thank you for your continued patronage of Fuji products.
 We are writing to announce the production discontinuation of some of our products.
 Details are described below. Please review the following information and take appropriate actions.
 Please also inform all related sections of your company of this discontinuation.

Product name	FA sensor high frequency inductive type proximity switches				
Series name	Cylindrical type proximity switch PE1-C, PE1-Y, PE2-C, PE2C-C Multi type proximity switch PE-4BS2□ Rectangular type proximity switch PE-B, PE-G4 Groove type proximity switch PE-U Flat type proximity switch PE-X3D, PE-X15D Other proximity switch PEW, PE-F5, PE1X10 Thin type proximity switch PE-T Sensor components PX1, PX2				
Type	<Cylindrical type> PE1-YS08D□ PE1-CS08D□ PE1-YS08Q□ PE1-CS08Q□ PE1-C□D□ PE1-CS□D□ PE1-C□Q□ PE1-CS□Q□ PE1-C□S□ PE1-CS□S□ PE1-C□A□ PE1-CS□A□	PE2-C□S□ PE2-CS□S□ PE2-C□D□ PE2-CS□D□ PE2-C□Q□ PE2-CS□Q□ PE2-C□W□ PE2-CS□S□	<Rectangular type> PE-B□D□ PE-B□Q□ PE-B□S□ PE-B□A□ PE-G4D□ PE-G4Q	<Thin type> PE-TS2D□ PE-T4D□ PE-TS2Q□ PE-T4Q□ PE-TS2S□ PE-T4S□	<Groove type> PE-U25NT□ PE-U25D <Other> PEW-□L/N□ PE-F5D PE1X10-S <Sensor components> PX1-□ PX2-□ *Including special products of the above product types.
Reason for production discontinuation	Continued production has become difficult due to discontinued production of required electronic parts.				
Alternative models	There are no alternative Fuji products available. Please consider products of other companies with equivalent functionality. (For more information, refer to the attachment "List of Other Company Alternative Products")				
Production discontinuation date	End of June 2024				
Attachments	•Attachment 1: List of Other Company Alternative Products				
Last order date	End of June 2023				
Maintenance parts	Maintenance parts will not be available.				
Others	-				

Fuji products					Other company products *([O]) indicates that it is equivalent to Fuji products. For details, refer to the catalogs of the relevant manufacturers.							
Product name	Type specification	Operating distance	Power supply	Output	Type name	Manufacturer name	Operating distance	Notes	Mounting dimensions	Wiring connection	Notes	Other notes
Cylindrical type	PE1-YS08D□	0.8mm	DC 3-wire 10 to 30 V	NPN transistor output, 100 mA, NO, NC	E2E-C04S12-WC-C□ 2M	Omron	-	1.2mm	○	○		
	PE1-CS08D□			E2E-S05S12-WC-C□ 2M	Omron	-	1.2mm	○	○			
	PE1-YS08Q□			PNP transistor output, 100 mA, NO, NC	E2E-C04S12-WC-B□ 2M	Omron	-	1.2mm	○	○		
	PE1-CS08Q□			E2E-S05S12-WC-B□ 2M	Omron	-	1.2mm	○	○			
	PE1-C□D□	1.5 to 20mm	DC 3-wire 10 to 30 V	NPN transistor output, 200 mA, NO, NC	E2E-X□MC□ 2M	Omron	○	1.5 to 23 mm	○	○		
	PE1-CS□D□			E2E-X□C□ 2M	Omron	○	○		○			
	PE1-C□Q□			PNP transistor output, 200 mA, NO, NC	E2E-X□MB□ 2M	Omron	○		*Please check each type.	○	○	
	PE1-CS□Q□	E2E-X□B□ 2M	Omron	○	○	○		○	○			
	PE1-C□S□	2 to 20mm	DC 2-wire 10 to 30 V	Transistor output, 3 to 100 mA, NO, NC	E2E-X□M□ 2M	Omron	○	1.5 to 40mm	○	○		
	PE1-CS□S□			E2E-X□D□-N 2M	Omron	○	*Please check each type.	○	○			
	PE1-C□A□	2 to 20mm	AC 2-wire 45 to 250 V	Thyristor output, 5 to 200 mA, NO, NC	E2E-X□MY□ 2M	Omron	○	1.5 to 18mm	○	○		
	PE1-CS□A□			E2E-X□Y□ 2M	Omron	○	*Please check each type.	○	○			
	PE2-C□S□	2 to 24mm	DC 2-wire 10 to 30 V	Transistor output, 3 to 100 mA, NO, NC	E2E-X□MD□2M	Omron	○	1.5 to 40mm	○	○		
	PE2-CS□S□			E2E-X□D□ 2M	Omron	○	*Please check each type.	○	○			
	PE2-C□D□		DC 3-wire 10 to 30 V	NPN transistor output, 200 mA, NO	E2E-X□MC□ 2M	Omron	○	1.5 to 23 mm	○	○		
	PE2-CS□D□			E2E-X□C□ 2M	Omron	○	○		○			
PE2-C□Q□	PNP transistor output, 200 mA, NO			E2E-X□MB□ 2M	Omron	○	*Please check each type.		○	○		
PE2-CS□Q□	E2E-X□B□ 2M			Omron	○	○	○			○		
PE2-CS□W□	3 to 10mm	AC/DC 2-wire 40 V to 250 V AC 20 V to 250 V DC	Thyristor output, 5 to 100 mA, NO	E2E-X□T□ 2M	Omron	○	3 to 10 mm	○	○	*Please check each type.		
PE2C-CS□S□	3 to 10mm	DC 2-wire 10 to 30 V	Transistor output, 3 to 100 mA, NO	E2E-X□S-M1	Omron	○	3 to 10 mm	○	-	The connector pin assignment is different.		
Rectangular type	PE-B■D□	4 to 20mm	DC 3-wire 10 to 30 V	NPN transistor output, 200 mA, NO, NC	FL2-□6H	Azbil	○	4 to 20mm	-	○		
	■: 4 to 20			TL-N□MY□ 2M	Omron	-	5 to 20 mm	○	○			
	PE-B■Q□			PNP transistor output, 200 mA, NO, NC	FL2-□6H	Azbil	○	4 to 20mm	-	○		
	■: 4 to 20			TL-N□MF□ 2M	Omron	-	5 to 20 mm	○	○			
	PE-B■S□	4 to 20mm	DC 2-wire 10 to 30 V	Thyristor output, 3 to 100 mA, NO, NC	FL2R-□6H□	Azbil	○	4 to 20mm	-	○		
	■: 4 to 20			TL-N□MD□ 2M	Omron	○	7 to 20 mm	○	○			
	PE-B□A□	7 to 20mm	AC 2-wire 80 to 250 V	Transistor output, 10 to 200 mA, NO, NC	TL-N□MY□	Omron	-	5 to 20 mm	○	○		
	■: 7 to 20											
	PE-B30D□	30mm	DC 3-wire 10 to 30 V	NPN transistor output, 200 mA, NO, NC	IC5006	IFM Effector	○	40mm	-	-	M20 connector	NO/NC switching
	PE-B30Q□			PNP transistor output, 200 mA, NO, NC	NBN30-FPS-E5	P&F	○	30mm	-	-	M20 connector	NO/NC switching
	PE-B30S□		DC 2-wire 10 to 30 V	Transistor output, 3 to 100 mA, NO, NC	NBN30-FPS-UU	P&F	○	30mm	-	-	M20 connector	AC/DC common use, NO/NC switching
	PE-B30A□		AC 2-wire 80 to 250 V	Thyristor output, 10 to 200 mA, NO, NC	NBN30-FPS-UU	P&F	○	30mm	-	-	M20 connector	AC/DC common use, NO/NC switching
PE-B50D□	50mm	DC 3-wire 10 to 30 V	NPN transistor output, 200 mA, NO, NC	NJ50-FP-A-P1	P&F	○	50mm	○	-	M20 connector	NO+NC 4-wire	
PE-B50Q□			PNP transistor output, 200 mA, NO, NC	NCN50-FP-A2-P4	P&F	○	50mm	○	-	7/8 connector	NO+NC 4-wire	
PE-B50S□		DC 2-wire 10 to 30 V	Transistor output, 3 to 100 mA, NO, NC	NCN50-FP-Z2-P1	P&F	○	50mm	○	-	7/8 connector	NO+NC 4-wire	
PE-B50A□		AC 2-wire 80 to 250 V	Thyristor output, 10 to 200 mA, NO, NC	NCN50-FP-W-P1	P&F	○	50mm	○	-	M20 connector	NO/NC switching	
Special rectangular type	PE-G4D□	4mm	DC 3-wire 10 to 30 V	NPN transistor output, 50 mA, NO	TL-Q5MC□ 2M	Omron	-	5mm	○	○		
	PE-G4Q			PNP transistor output, 50 mA, NO	NBN5-F7-E2	P&F	-	5mm	○	○		
Flat type	PE-X3D	3mm	DC 3-wire 10 to 30 V	NPN transistor output, 100 mA, NO	TL-W3MC1 2M	Omron	○	3mm	-	○		
	PE-X15D	15mm		PNP transistor output, 200 mA, NO	NBB15-F148P10-E0-M	P&F	○	15mm	-	○		
Thin type	PE-TS2D□	2mm	DC 3-wire 10 to 30 V	NPN transistor output, 200 mA, NO, NC	NBB4-F1-□	P&F	-	4mm	○	○		
	PE-T4D□	4mm			NBN8-F1-□	P&F	-	8mm	○	○		
	PE-TS2Q□	2mm		PNP transistor output, 200 mA, NO, NC	NBB4-F1-□	P&F	-	4mm	○	○		
	PE-T4Q□	4mm		NBN8-F1-□	P&F	-	8mm	○	○			
	PE-TS2S□	2mm		DC 2-wire 10 to 30 V	Transistor output, 3 to 100 mA, NO, NC	NBB4-F1-□	P&F	-	4mm	○	○	
PE-T4S□	4mm	NBB4-F1-□	P&F		○	4mm	○	○		Shielded DC/AC common use		
Multi type	PE-4BS2D□	2mm	DC 3-wire 10 to 30 V (4 circuits)	NPN transistor output, 200 mA / 1 circuit, NO, NC	None							
	PE-4BS2Q□			PNP transistor output, 200 mA / 1 circuit, NO, NC	None							
Groove type	PE-U25NT	Groove width 25 mm	DC 3-wire 10 to 30 V	NPN transistor output, 100 mA, NO+NC 2 outputs	SJ30-A2	P&F	○	Groove width 30 mm	-	○		Groove width 30 mm
	PE-U12D	Groove width 12 mm		NPN transistor output, 50 mA, NO	SJ10-E	P&F	○	Groove width 10mm	-	○		Groove width 10mm
Others	PEW-□4L/N□	4mm	DC 3-wire 18 to 30 V	NPN transistor output, 200 mA, NO	NBN5-F7-E2	P&F	○	5mm	-	○		
	PE-F5D	5mm	DC 3-wire 10 to 30 V	NPN transistor output, 50 mA, NO	TL-Q5MC1 2M	Omron	○	5mm	-	-	No connector processing	
	PE1X10-S	10mm	DC 2-wire 10 to 30 V	Transistor output, 3 to 100 mA, NO	TL-W3MC1 2M	Omron	-	3mm	-	○		