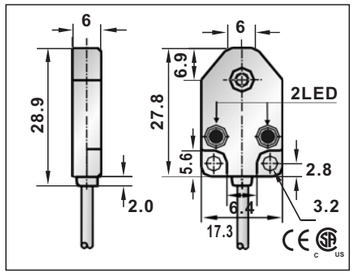
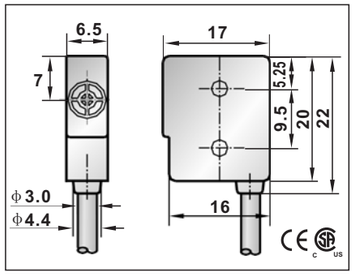
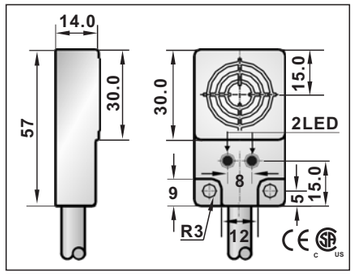
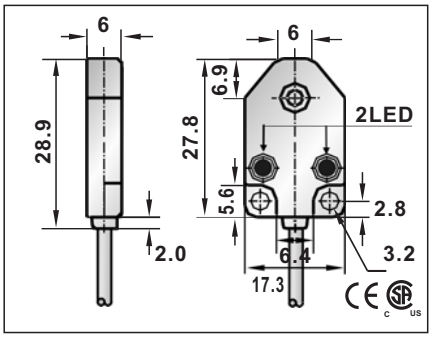
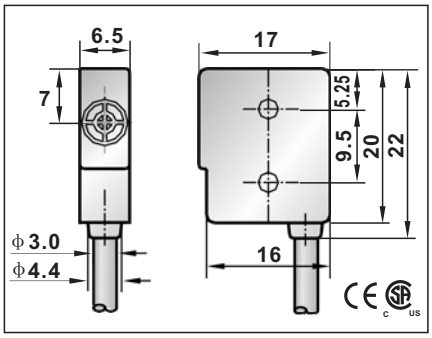
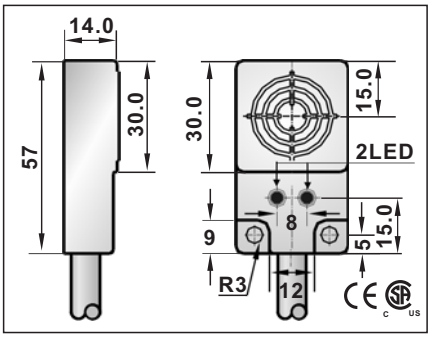
PART C-1 ~ C-55

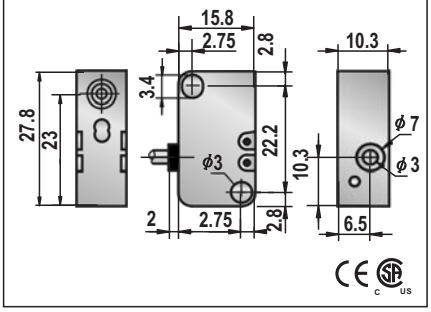
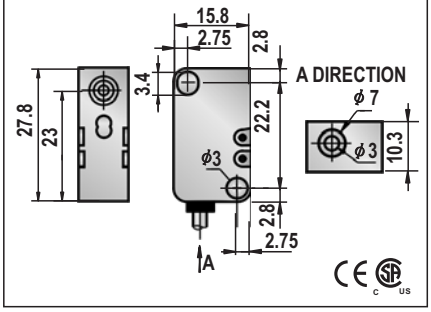
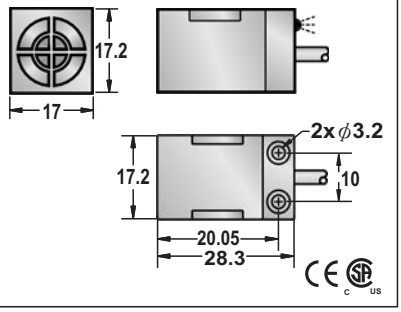
DC INDUCTIVE PROXIMITY SWITCH SQUARE TYPE

Diameter	Q 6	Q 6.5		Q 14	
● Shielded ○ non-Shielded	●	●	○	●	
Switching Distance Sn mm	1.5 mm	1.5 mm	2 mm	10 mm	
Housing Material	PBT RESIN	PBT RESIN		PBT RESIN	
● With LED ○ Without LED	●	●		●	
Dimensions (unit: mm)					
Operating Voltage	10-30VDC	10-30VDC		10-30VDC	
Ripple	<10%	<10%		<10%	
No Load Current	<10mA	<10mA		<10mA	
Max. Load Current	200mA	200mA		200mA	
Leakge Current	<0.01mA	<0.01mA		<0.01mA	
Surge Current	-	-		-	
Min. Load Current	-	-		-	
Voltage Drop	<1.5V	<1.5V		<1.5V	
Switching Frequency	500HZ	500HZ		500HZ	
Response Time	0.5ms/0.5ms	0.5ms/0.5ms		0.5ms/0.5ms	
Switching Hysteresis	<15%(Sr)	<15%(Sr)		<15%(Sr)	
Repeat Accuracy	<1.0%(Sr)	<1.0%(Sr)		<1.0%(Sr)	
Protection Category	IP67	IP67		IP67	
Operating Temperature	-25 °C - +70°C	-25 °C - +70°C		-25 °C - +70°C	
Temperature Drift	<10%(Sr)	<10%(Sr)		<10%(Sr)	
Short Circuit Protection	YES	YES		YES	
Overload Trip Point	220mA	220mA		220mA	
Time Delay Before Availability	<10ms	<10ms		<10ms	
EMC	RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
Shock / Vibration	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
Material Active Face	PBT	PBT		PBT	
DC 3 wire 10-30V NPN N.O.				FQP1-1410N-A3U2T	1
DC 3 wire 10-30V NPN N.C.				FQP1-1410N-B3U2T	2
DC 3 wire 10-30V PNP N.O.				FQP1-1410P-A3U2T	3
DC 3 wire 10-30V PNP N.C.				FQP1-1410P-B3U2T	4
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)					
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)					
DC 2 wire 10-60V N.O.					
DC 2 wire 10-60V N.C.					
DC 3 wire 10-55v NPN N.O. or NAMUR					
DC 3 wire 10-55v NPN N.C.					
DC 3 wire 10-55v PNP N.O.					
DC 3 wire 10-55v PNP N.C.					
AC 2 wire 20-250V N.O.					
AC 2 wire 20-250V N.C.					
AC 20-250V N.O. or N.C. Changeable					
AC/DC 2 wire 20-250V N.O.					
AC/DC 2 wire 20-250V N.C.					
AC/DC 20-250V N.O. or N.C. Changeable					
Remark		Please see Page 18 for details and specifications of DC 2-Wire models on this page.			
Cable 2M (PVC)	3ϕ3x0.15	3ϕ3x0.15		4ϕ3x0.15	
Weight	Approx.55 g	Approx.80 g		Approx.110 g	

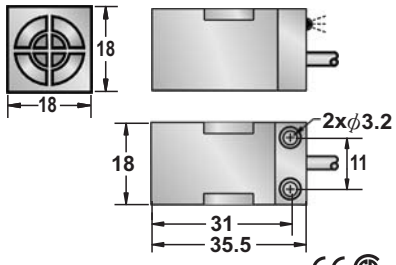
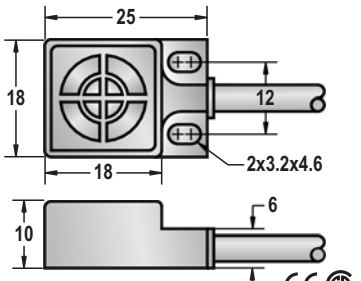
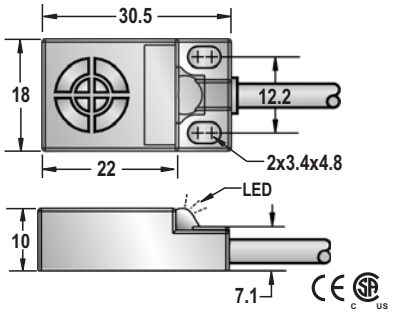
DC INDUCTIVE PROXIMITY SWITCH SQUARE TYPE

Q 6	Q 6.5		Q 14
●	●	○	●
1.5 mm	1.5 mm	2 mm	10 mm
PBT RESIN	PBT RESIN		PBT RESIN
●	●		●
			
10-30VDC	10-30VDC		10-30VDC
<10%	<10%		<10%
<10mA	<10mA		<10mA
200mA	200mA		200mA
<0.01mA	<0.01mA		<0.01mA
-	-		-
-	-		-
<1.5V	<1.5V		<1.5V
500HZ	500HZ		500HZ
0.5ms/0.5ms	0.5ms/0.5ms		0.5ms/0.5ms
<15%(Sr)	<15%(Sr)		<15%(Sr)
<1.0%(Sr)	<1.0%(Sr)		<1.0%(Sr)
IP67	IP67		IP67
-25 °C - +70 °C	-25 °C - +70 °C		-25 °C - +70 °C
<10%(Sr)	<10%(Sr)		<10%(Sr)
YES	YES		YES
220mA	220mA		220mA
<10ms	<10ms		<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT	PBT		PBT
			FQP1-1410N-A3U2T 1
			FQP1-1410N-B3U2T 2
			FQP1-1410P-A3U2T 3
			FQP1-1410P-B3U2T 4
	Please see Page 18 for details and specifications of DC 2-Wire models on this page.		
3φ3x0.15	3φ3x0.15		4φ3x0.15
Approx.55 g	Approx.80 g		Approx.110 g

DC INDUCTIVE PROXIMITY SWITCH SQUARE TYPE

Q16x28x10			Q16x28x10			Q 16	
●	○		●	○		○	
1 mm	2 mm		1 mm	2 mm		4 mm	
PBT RESIN			PBT RESIN			ABS RESIN	
●			●			●	
							
10-30VDC			10-30VDC			10-30VDC	
<10%			<10%			<10%	
<10mA			<10mA			<10mA	
200mA			200mA			200mA	
<0.01mA			<0.01mA			<0.01mA	
-			-			-	
-			-			-	
<1.5V			<1.5V			<1.5V	
2KHZ			2KHZ			500HZ	
0.1ms/0.1ms			0.1ms/0.1ms			0.5ms/0.5ms	
<15%(Sr)			<15%(Sr)			<15%(Sr)	
<1.0%(Sr)			<1.0%(Sr)			<1.0%(Sr)	
IP67			IP67			IP67	
-25 °C - +70 °C			-25 °C - +70 °C			-25 °C - +70 °C	
<10%(Sr)			<10%(Sr)			<10%(Sr)	
YES			YES			YES	
220mA			220mA			220mA	
<10ms			<10ms			<10ms	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)			RFI>3V/m / EFT>1KV / ESD>4KV (contact)			RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2			IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2			IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
-			-			POM	
FQP1-Q2801N-A3U2X	1	FQP2-Q2802N-A3U2X	FQP1-2801N-A3U2	1	FQP2-2802N-A3U2	FQP2-1604N-A3U2	1
FQP1-Q2801N-B3U2X	2	FQP2-Q2802N-B3U2X	FQP1-2801N-B3U2	2	FQP2-2802N-B3U2	FQP2-1604N-B3U2	2
FQP1-Q2801P-A3U2X	3	FQP2-Q2802P-A3U2X	FQP1-2801P-A3U2	3	FQP2-2802P-A3U2	FQP2-1604P-A3U2	3
FQP1-Q2801P-B3U2X	4	FQP2-Q2802P-B3U2X	FQP1-2801P-B3U2	4	FQP2-2802P-B3U2	FQP2-1604P-B3U2	4
FQP1-Q2801C-A2U2X	7	FQP2-Q2802C-A2U2X	FQP1-2801C-A2U2	7	FQP2-2802C-A2U2	FQP2-1604C-A2U2	7
FQP1-Q2801C-B2U2X	8	FQP2-Q2802C-B2U2X	FQP1-2801C-B2U2	8	FQP2-2802C-B2U2	FQP2-1604C-B2U2	8
			Please see Page 18 for details and specifications of DC 2-Wire models on this page.				
3Φ3x0.15			3Φ3x0.15			4Φ3x0.15	
Approx.55 g			Approx.55 g			Approx.55 g	

DC INDUCTIVE PROXIMITY SWITCH SQUARE TYPE

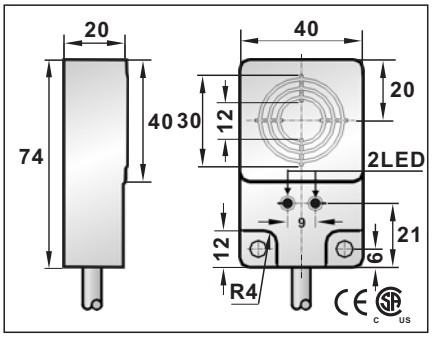
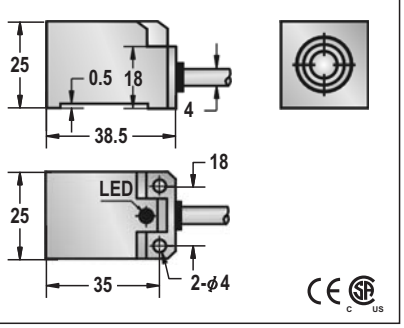
Q 18	Q 18B	Q 18C
○	○	●
4 mm	2 mm	4 mm
ABS RESIN	POM RESIN	POM RESIN
●	●	●
		
10-30VDC or 10-55VDC	10-30VDC	10-30VDC or 10-55VDC
<10%	<10%	<10%
<10mA or 20mA	<10mA	<10mA or <20mA
200mA	200mA	200mA
<0.01mA	<0.01mA	<0.01mA
-	-	-
-	-	-
<1.5V or <2.0V	<1.5V	<1.5V or 2.0V
500HZ	500HZ	500HZ
0.5ms/0.5ms	0.5ms/0.5ms	0.5ms/0.5ms
<15%(Sr)	<15%(Sr)	<15%(Sr)
<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)
IP67	IP67	IP67
-25 °C - +70 °C	-25 °C - +70 °C	-25 °C - +70 °C
<10%(Sr)	<10%(Sr)	<10%(Sr)
YES	YES	YES
220mA	220mA	220mA
<10ms	<10ms	<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
ABS	POM	POM

FQP2-1804N-A3U2	1	FQP2-18B02N-A3U2T	1	FQP2-18B02N-A3U2F	FQP2-18C04N-A3U2T	1
FQP2-1804N-B3U2	2	FQP2-18B02N-B3U2T	2	FQP2-18B02N-B3U2F	FQP2-18C04N-B3U2T	2
FQP2-1804P-A3U2	3	FQP2-18B02P-A3U2T	3	FQP2-18B02P-A3U2F	FQP2-18C04P-A3U2T	3
FQP2-1804P-B3U2	4	FQP2-18B02P-B3U2T	4	FQP2-18B02P-B3U2F	FQP2-18C04P-B3U2T	4

1. Voltage Drop:<1.5V(10-30V),<2V(10-55V).
2. 10-55V type: No Load Current < 20mA.
3. Please see Page 18 for details and specifications of DC 2-Wire models on this page.

4ϕ3x0.15	4ϕ3x0.15	4ϕ3x0.15
Approx.58 g	Approx.46 g	Approx.51 g

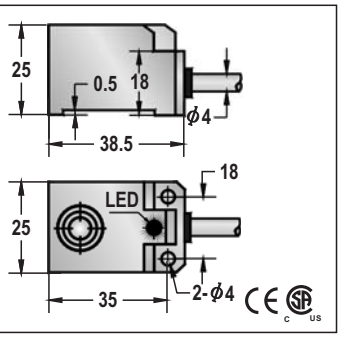
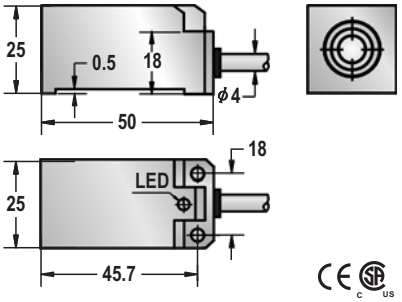
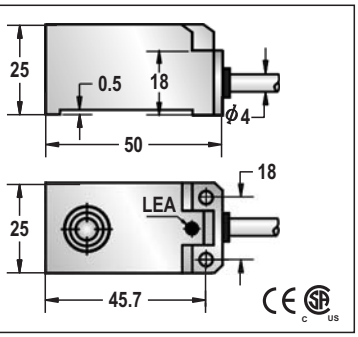
DC INDUCTIVE PROXIMITY SWITCH SQUARE TYPE

Q 42	Q25s	
●	●	
20 mm	10 mm	
PBT RESIN	PBT RESIN	
●	●	
		
10-30VDC	10-30VDC or 10-55VDC	
<10%	<10%	
<10mA	<10mA or <20mA	
200mA	200mA	
<0.01mA	<0.01mA	
-	-	
-	-	
<1.5V	<1.5V or 2.0V	
500HZ	300HZ	
0.5ms/0.5ms	0.5ms/0.5ms	
<15%(Sr)	<15%(Sr)	
<1.0%(Sr)	<1.0%(Sr)	
IP67	IP67	
-25 °C - +70 °C	-25 °C - +70 °C	
<10%(Sr)	<10%(Sr)	
YES	YES	
220mA	220mA	
<10ms	<10ms	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
PBT	-	

FQP1-2020N-A3U2T	1	FQP1-2510N-A3S2F	1
FQP1-2020N-B3U2T	2	FQP1-2510N-B3S2F	2
FQP1-2020P-A3U2T	3	FQP1-2510P-A3S2F	3
FQP1-2020P-B3U2T	4	FQP1-2510P-B3S2F	4
		FQP1-2510C-A2S2F	7
		FQP1-2510C-B2S2F	8
		HQP1-2510N-A3S2F	1
		HQP1-2510N-B3S2F	2
		HQP1-2510P-A3S2F	3
		HQP1-2510P-B3S2F	4

Please see Page 18 for details and specifications of DC 2-Wire models on this page.	1. Voltage Drop:<1.5V(10-30V),<2V(10-55V). 2. 10-55V type: No Load Current < 20mA.	
4ϕ3x0.15	4ϕ3x0.34	
Approx.130 g	Approx.110 g	

DC INDUCTIVE PROXIMITY SWITCH SQUARE TYPE

Q25s	Q25	Q25
●	●	●
10 mm	10 mm	10 mm
PBT RESIN	PBT RESIN	PBT RESIN
●	●	●
		
10-30VDC or 10-55VDC	10-30VDC or 10-55VDC	10-30VDC or 10-55VDC
<10%	<10%	<10%
<10mA or <20mA	<10mA or <20mA	<10mA or <20mA
200mA	200mA	200mA
<0.01mA	<0.01mA	<0.01mA
-	-	-
-	-	-
<1.5V or <2.0V	<1.5V or <2.0V	<1.5V or <2.0V
300HZ	300HZ	300HZ
0.5ms/0.5ms	0.5ms/0.5ms	0.5ms/0.5ms
<15%(Sr)	<15%(Sr)	<15%(Sr)
<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)
IP67	IP67	IP67
-25°C - +75°C	-25°C - +70°C	-25°C - +75°C
<10%(Sr)	<10%(Sr)	<10%(Sr)
YES	YES	YES
220mA	220mA	220mA
<10ms	<10ms	<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT	PBT	PBT

FQP1-2510N-A3S2T	1	FQP1-2510N-A3U2F	1	FQP1-2510N-A3U2T	1
FQP1-2510N-B3S2T	2	FQP1-2510N-B3U2F	2	FQP1-2510N-B3U2T	2
FQP1-2510P-A3S2T	3	FQP1-2510P-A3U2F	3	FQP1-2510P-A3U2T	3
FQP1-2510P-B3S2T	4	FQP1-2510P-B3U2F	4	FQP1-2510P-B3U2T	4
FQP1-2510C-A2S2T	7	FQP1-2510C-A2U2F	7	FQP1-2510C-A2U2T	7
FQP1-2510C-B2S2T	8	FQP1-2510C-B2U2F	8		

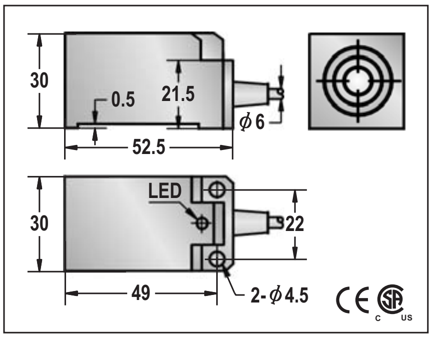
1. Voltage Drop:<1.5V(10-30V),<2V(10-55V).
2. 10-55V type: No Load Current < 20mA.

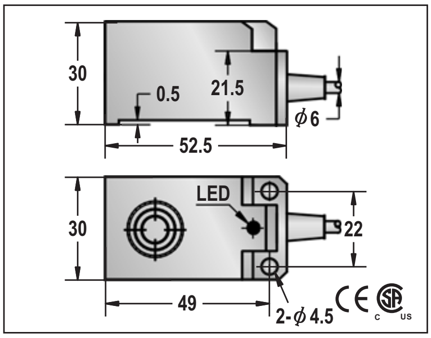
Please see Page 18 for details and specifications of DC 2-Wire models on this page.

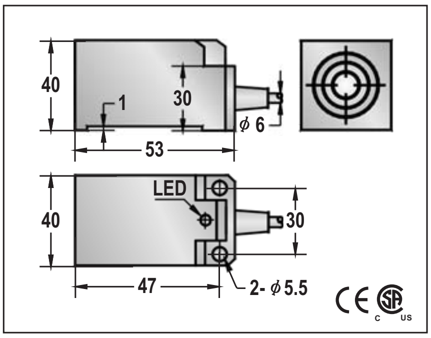
4ϕ3x0.34	4ϕ3x0.34	4ϕ3x0.34
Approx.110 g	Approx.110 g	Approx.120 g

DC INDUCTIVE PROXIMITY SWITCH SQUARE TYPE

Q30		Q30		Q40	
●	○	●	○	●	○
10 mm	15 mm	10 mm	15 mm	15 mm	30 mm
PBT RESIN		PBT RESIN		PBT RESIN	
●		●		●	







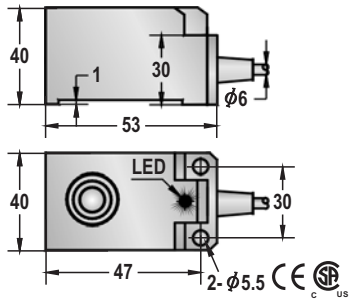
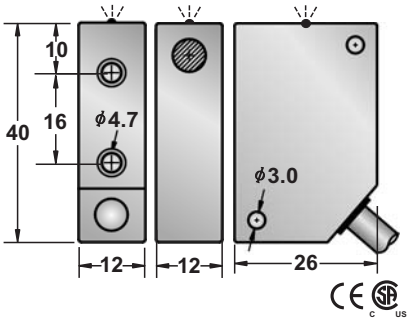
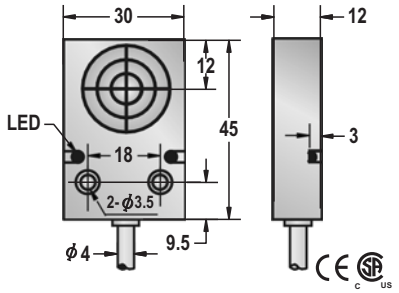
Q30	Q30	Q40
10-30VDC or 10-55VDC	10-30VDC or 10-55VDC	10-30VDC or 10-55VDC
<10%	<10%	<10%
<10mA or <20mA	<10mA or <20mA	<10mA or <20mA
200mA	200mA	200mA
<0.01mA	<0.01mA	<0.01mA
-	-	-
-	-	-
<1.5V or <2.0V	<1.5V or <2.0V	<1.5V or <2.0V
100HZ	100HZ	100HZ
1ms/1ms	1ms/1ms	1ms/1ms
<15%(Sr)	<15%(Sr)	<15%(Sr)
<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)
IP67	IP67	IP67
-25 °C - +70°C	-25°C - +75°C	-25 °C - +70°C
<10%(Sr)	<10%(Sr)	<10%(Sr)
YES	YES	YES
220mA	220mA	220mA
<10ms	<10ms	<10ms
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)	RFI>3V/m / EFT>1KV / ESD>4KV (contact)
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
PBT	PBT	PBT

FQP1-3010N-A3U2F	1	FQP2-3015N-A3U2F	FQP1-3010N-A3U2T	1	FQP2-3015N-A3U2T	FQP1-4515N-A3U2F	1	FQP2-4530N-A3U2F
FQP1-3010N-B3U2F	2	FQP2-3015N-B3U2F	FQP1-3010N-B3U2T	2	FQP2-3015N-B3U2T	FQP1-4515N-B3U2F	2	FQP2-4530N-B3U2F
FQP1-3010P-A3U2F	3	FQP2-3015P-A3U2F	FQP1-3010P-A3U2T	3	FQP2-3015P-A3U2T	FQP1-4515P-A3U2F	3	FQP2-4530P-A3U2F
FQP1-3010P-B3U2F	4	FQP2-3015P-B3U2F	FQP1-3010P-B3U2T	4	FQP2-3015P-B3U2T	FQP1-4515P-B3U2F	4	FQP2-4530P-B3U2F

Q30	Q30	Q40
1.Voltage Drop:<1.5V(10-30V),<2V(10-55V). 2. 10-55V type: No Load Current < 20mA.	Please see Page 18 for details and specifications of DC 2-Wire models on this page.	
5.8φ3x0.5	5.8φ3x0.5	5.8φ3x0.5
Approx.155 g	Approx.155 g	Approx.190 g

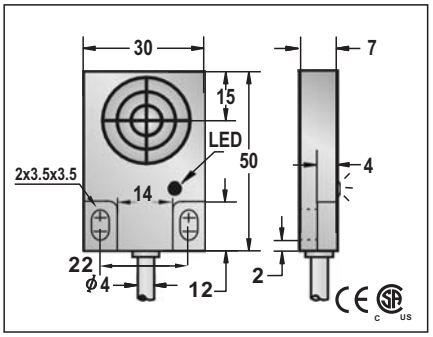
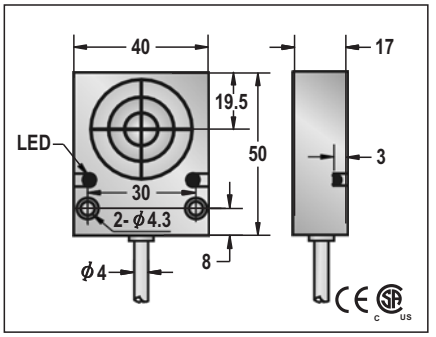
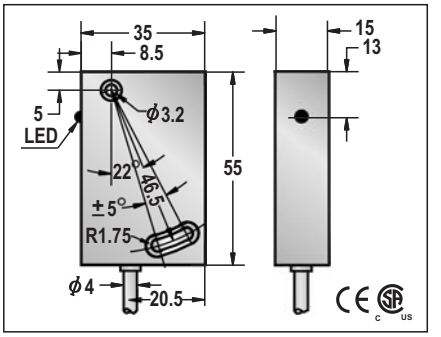
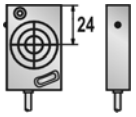
Q40、Q25x40x12、Q30x45x12

DC INDUCTIVE PROXIMITY SWITCH SQUARE TYPE

Q40		Q25x40x12		Q30x45x12	
●	○	●	○	●	○
15 mm	30 mm	2 mm	4 mm	10 mm	15 mm
PBT RESIN		PBT RESIN		PBT RESIN	
●		●		●	
					
10-30VDC or 10-55VDC		10-30VDC or 10-55VDC		10-30VDC or 10-55VDC	
<10%		<10%		<10%	
<10mA or <20mA		<10mA or <20mA		<10mA or <20mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
-		-		-	
-		-		-	
<1.5V or <2.0V		<1.5V or <2.0V		<1.5V or <2.0V	
100HZ		300HZ	100HZ	100HZ	
1ms/1ms		0.5ms/0.5ms	1ms/1ms	1ms/1ms	
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
IP67		IP67		IP67	
-25 °C - +70 °C		-25 °C - +70 °C		-25 °C - +70 °C	
<10%(Sr)		<10%(Sr)		<10%(Sr)	
YES		YES		YES	
220mA		220mA		220mA	
<10ms		<10ms		<10ms	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
PBT		PBT		PBT	
FQP1-4515N-A3U2T	1	FQP1-4002N-A3U2	1	FQP1-3110N-A3U2T	1
FQP1-4515N-B3U2T	2	FQP1-4002N-B3U2	2	FQP1-3110N-B3U2T	2
FQP1-4515P-A3U2T	3	FQP1-4002P-A3U2	3	FQP1-3110P-A3U2T	3
FQP1-4515P-B3U2T	4	FQP1-4002P-B3U2	4	FQP1-3110P-B3U2T	4
		FQP1-4002P-S4U2	6		
		FQP1-4002N-S4U2	5		
		FQP1-4002C-A2U2	7		
		FQP1-4002C-B2U2	8		
1. Voltage Drop:<1.5V(10-30V),<2V(10-55V). 2. 10-55V type: No Load Current < 20mA.		Please see Page 18 for details and specifications of DC 2-Wire models on this page.			
5.8φ 3x0.5		4.0φ 3x0.15		4 φ3x0.34	
Approx.190 g		Approx.133 g		Approx.100 g	

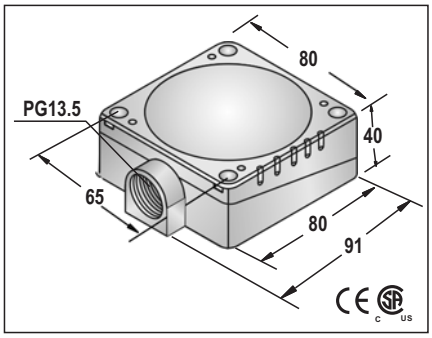
Q30x50x7、Q40x50x17、Q35x55x15

DC INDUCTIVE PROXIMITY SWITCH SQUARE TYPE

Q30x50x7		Q40x50x17		Q35x55x15	
●	○	●	○	●	○
10 mm	15 mm	15 mm	30 mm	10 mm	15 mm
PBT RESIN		PBT RESIN		PBT RESIN	
●		●		●	
					
10-30VDC or 10-55VDC		10-30VDC or 10-55VDC		10-30VDC or 10-55VDC	
<10%		<10%		<10%	
<10mA or <20mA		<10mA or <20mA		<10mA or <20mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
-		-		-	
-		-		-	
<1.5V or <2.0V		<1.5V or <2.0V		<1.5V or <2.0V	
100HZ		100HZ		100HZ	
1ms/1ms		1ms/1ms		1ms/1ms	
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
IP67		IP67		IP67	
-25 °C - +70 °C		-25 °C - +70 °C		-25 °C - +70 °C	
<10%(Sr)		<10%(Sr)		<10%(Sr)	
YES		YES		YES	
220mA		220mA		220mA	
<10ms		<10ms		<10ms	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
PBT		PBT		PBT	
FQP1-3110N-A3S2T	1	FQP1-4115N-A3U2T	1		
FQP1-3110N-B3S2T	2	FQP1-4115N-B3U2T	2		
FQP1-3110P-A3S2T	3	FQP1-4115P-A3U2T	3		
FQP1-3110P-B3S2T	4	FQP1-4115P-B3U2T	4		
FQP2-3115N-A3S2T	1	FQP2-4130N-A3U2T	1		
FQP2-3115N-B3S2T	2	FQP2-4130N-B3U2T	2		
FQP2-3115P-A3S2T	3	FQP2-4130P-A3U2T	3		
FQP2-3115P-B3S2T	4	FQP2-4130P-B3U2T	4		
1. Voltage Drop:<1.5V(10-30V),<2V(10-55V). 2. 10-55V type: No Load Current < 20mA.		Please see Page 18 for details and specifications of DC 2-Wire models on this page.		 sensing face.	
4 ϕ3x0.34		4 ϕ3x0.34		4 ϕ3x0.34	
Approx.100 g		Approx.120 g		Approx.110 g	

DC INDUCTIVE PROXIMITY SWITCH SQUARE TYPE

Q80	
●	○
40 mm	50 mm
PBT RESIN	
●	



10-30VDC or 10-55VDC	
<10%	
<10mA or <20mA	
200mA	
<0.01mA	
-	
-	
<1.5V or <2.0V	
100HZ	
1ms/1ms	
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25 °C - +70 °C	
<10%(Sr)	
YES	
220mA	
<10ms	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
PBT	

FQP1-8040N-A3UT	1	FQP2-8050N-A3UT
FQP1-8040N-B3UT	2	FQP2-8050N-B3UT
FQP1-8040P-A3UT	3	FQP2-8050P-A3UT
FQP1-8040P-B3UT	4	FQP2-8050P-B3UT
FQP1-8040P-S4UT	6	FQP2-8050P-S4UT
FQP1-8040N-S4UT	5	FQP2-8050N-S4UT
FQP1-8040C-A2UT	7	FQP2-8050C-A2UT
FQP1-8040C-B2UT	8	FQP2-8050C-B2UT

1. Voltage Drop:<1.5V(10-30V),<2V(10-55V).
2. 10-55V type: No Load Current < 20mA.

Please see Page 18 for details and specifications of DC 2-Wire models on this page.

Approx.110 g