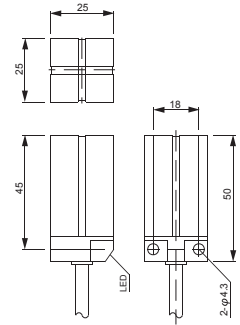
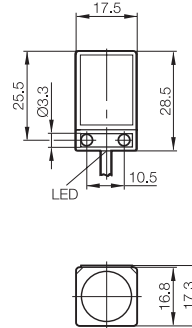
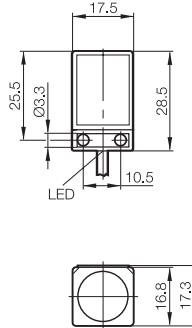
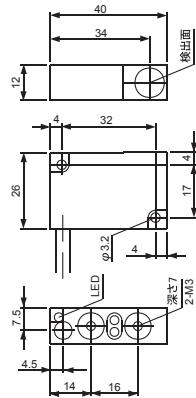
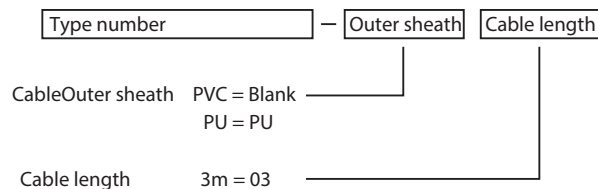


Housing size	Q12	Q16	Q16	Q25
Mounting type	Shield A	Shield A	Non-shield A	Non-shield A
Rated operating distance(Sn)	2mm	3mm	5mm	10mm
Assured operating distance(Sa)	0...1.6mm	0...2.4mm	0...4mm	0...8mm



Type number	PNP	N.O.	BES517-Q1202P	BES517-Q1603P	BES517-Q1605P	BES517-Q2510P	
		N.C.	-	BES517-Q1603P1	BES517-Q1605P1	-	
Type number	NPN	N.O.	BES517-Q1202N	BES517-Q1603N	BES517-Q1605N	BES517-Q2510N	
		N.C.	-	BES517-Q1603N1	BES517-Q1605N1	BES517-Q2510N1	
Rated operational voltage(Ue)	12...24V DC			12...24V DC	12...24V DC	12...24V DC	
Supply voltage(Ub)	10...30V DC			10...30V DC	10...30V DC	10...30V DC	
Voltage drop(Ud)	=<1.5V			=<1.5V	=<1.5V	=<3.5V	
Rated operational current(Ia)	100mA			100mA	100mA	130mA	
No-load supply current(Io)	=<20mA			=<20mA	=<20mA	=<20mA	
Off-state current(Ir)	=<0.08mA			=<0.08mA	=<0.08mA	=<0.08mA	
Circuit protection	Polarity reversal			Polarity reversal	Polarity reversal	Polarity reversal	
Ambient temperature range(Ta)	-25...+70degrees C			-25...+70degrees C	-25...+70degrees C	-25...+70degrees C	
Frequency of operation(f)	1000Hz			500Hz	500Hz	500Hz	
Function indication	Yes			Yes	Yes	Yes	
Protection class per IEC60529	IP67			IP67	IP67	IP67	
Material	Housing	Nylon			ABS	ABS	ABS
	Active surface	Nylon			ABS	ABS	ABS
Connection	Cable			Cable	Cable	Cable	
Cable	Outer sheath	PVC			PVC	PVC	PVC
	Diameter/core	Φ 5mm / 3 x 0.3mm ²			Φ 3mm / 3 x 0.14mm ²	Φ 3mm / 3 x 0.14mm ²	Φ 5mm / 3 x 0.3mm ²
	Length	2m,3m,5m			2m,3m,5m	2m,3m,5m	2m,3m,5m
Remarks							

*In ordering, please specify cable specification (outer sheath and length) as following example.



Ordering example (PVC cable 3m)

BES517-Q1603P-03