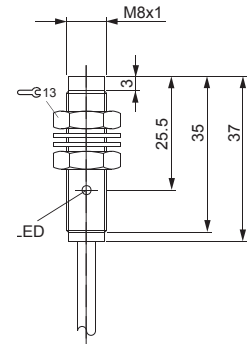
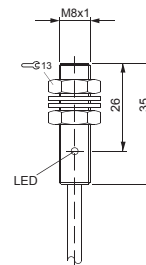
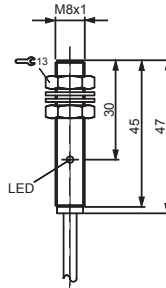
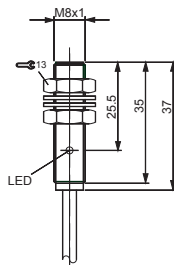
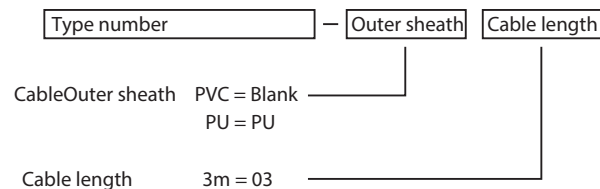


Housing size	M8 x 1	M8 x 1	M8 x 1	M8 x 1
Mounting type	Shield A	Shield A	Shield A	Non-shield A
Rated operating distance(Sn)	1.5mm	1.5mm	2mm	2.5mm
Assured operating distance(Sa)	0...1.2mm	0...1.2mm	0...1.6mm	0...2mm



Type number	PNP	N.O.	BES516-324-E3R	BES516-324-E5R	-	BES516-383-E3R
		N.C.	BES516-377-E3R	BES516-377-E5R	-	-
Type number	NPN	N.O.	BES516-343-E3R	BES516-343-E5R	BL3-0802N	BES516-384-E3R
		N.C.	BES516-378-E3R	BES516-378-E5R	-	-
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	=<2.5V	=<1.5V
Rated operational current(Ia)			200mA	200mA	200mA	200mA
No-load supply current(Io)			=<13mA	=<13mA	=<20mA	=<13mA
Off-state current(Ir)			=<0.08mA	=<0.08mA	=<0.08mA	=<0.08mA
Circuit protection			Polarity, Short circuit	Polarity, Short circuit	Polarity, Short circuit	Polarity, Short circuit
Ambient temperature range(Ta)			-25...+70degrees C	-25...+70degrees C	-25...+70degrees C	-25...+70degrees C
Frequency of operation(f)			1000Hz	1000Hz	1000Hz	1000Hz
Function indication			Yes	Yes	Yes	Yes
Protection class per IEC60529			IP67	IP67	IP67	IP67
Material	Housing	Stainless steel		Stainless steel	Stainless steel	Stainless steel
	Active surface	Poly Propylene		Poly Propylene	Poly Propylene	Poly Propylene
Connection			Cable	Cable	Cable	Cable
Cable	Outer sheath	PVC		PVC	PVC	PVC
	Diameter/core	Φ 4mm / 3 x 0.14mm <sup>2</sup>		Φ 4mm / 3 x 0.14mm <sup>2</sup>	Φ 4mm / 3 x 0.14mm <sup>2</sup>	Φ 4mm / 3 x 0.14mm <sup>2</sup>
	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)

BES516-383-E3R-03