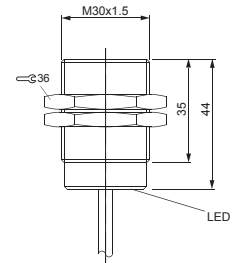
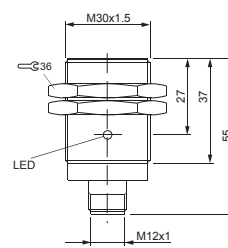
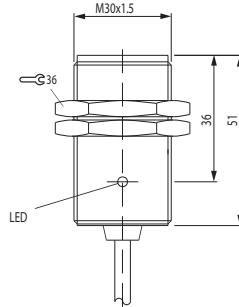
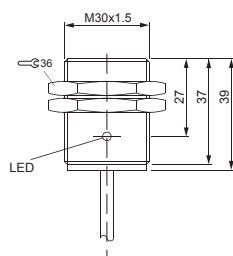
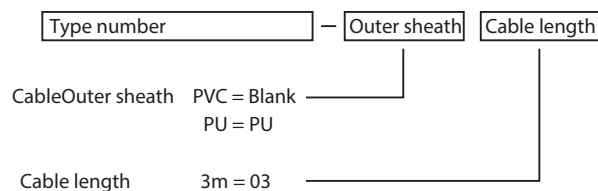


Housing size	M30 x 1.5	M30 x 1.5	M30 x 1.5	M30 x 1.5
Mounting type	Shield A	Shield A	Shield A	Shield A
Rated operating distance(Sn)	10mm	10mm	10mm	15mm (12mm)
Assured operating distance(Sa)	0...8mm	0...8mm	0...8mm	0...11.5mm (0...9.6mm)



Type number	PNP	N.O. N.C.	BES516-327-E3R -	BES516-327-E5R -	BC5-3010P -	- -
Type number	NPN	N.O. N.C.	BES516-359-E3R -	BES516-359-E5R -	BC5-3010N -	BL3-3015N -
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)			=<3.5V	=<3.5V	=<3.5V	=<2.5V
Rated operational current(Ia)			130mA	130mA	130mA	200mA
No-load supply current(Io)			=<20mA	=<20mA	=<20mA	=<20mA
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)			300Hz	300Hz	300Hz	100Hz
Function indication			Yes	Yes	Yes	Yes
Protection class per IEC60529			IP67	IP67	IP67	IP67
Material	Housing		Nickel plated brass	Nickel plated brass	Nickel plated brass	Nickel plated brass
	Active surface		Poly Propylene	Poly Propylene	Poly Propylene	Poly Propylene
Connection			Cable	Cable	connector/M12	Cable
Cable	Outer sheath		PVC	PVC	-	PVC
	Diameter/core		Φ 5mm / 3 x 0.3mm ²	Φ 5mm / 3 x 0.3mm ²	-	Φ 5mm / 3 x 0.3mm ²
	Length		2m,3m,5m	2m,3m,5m	-	2m,3m,5m
Remarks					Pin assignment of NO & NC 1 = +, 3 = -, 4 = output	The distance in () is non-flush

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



Ordering example (PVC cable 3m)

BES516-327-E3R-03