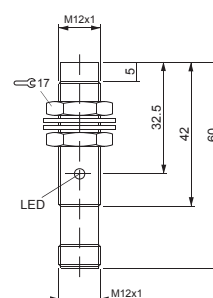
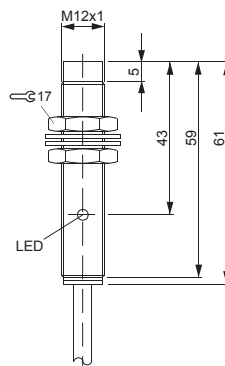
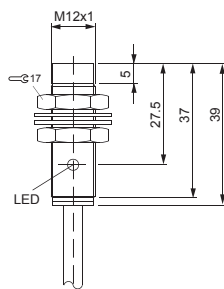
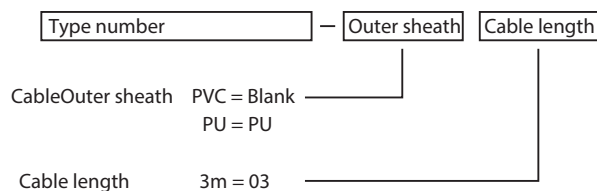


Housing size	M12 x 1	M12 x 1	M12 x 1	-
Mounting type	Non-shield A	Non-shield A	Non-shield A	-
Rated operating distance(Sn)	4mm	4mm	4mm	-
Assured operating distance(Sa)	0...3.2mm	0...3.2mm	0...3.2mm	-



Type number	PNP	N.O. N.C.	BES516-356-E3R -	BES516-356-E5R -	BC5-1204P -	- -
Type number	NPN	N.O. N.C.	BES516-357-E3R -	BES516-357-E5R -	BC5-1204N -	- -
Rated operational voltage(Ue)			12...24V DC	12...24V DC	12...24V DC	-
Supply voltage(Ub)			10...30V DC	10...30V DC	10...30V DC	-
Voltage drop(Ud)			=<1.5V	=<3.5V	=<3.5V	-
Rated operational current(Ia)			200mA	130mA	200mA	-
No-load supply current(Io)			=<13mA	=<20mA	=<13/2mA	-
Off-state current(Ir)			=<0.08mA	=<0.08mA	=<0.08mA	-
Circuit protection			Polarity, Short circuit	Polarity, Short circuit	Polarity, Short circuit	-
Ambient temperature range(Ta)			-25...+70degrees C	-25...+70degrees C	-25...+70degrees C	-
Frequency of operation(f)			400Hz	400Hz	400Hz	-
Function indication			Yes	Yes	Yes	-
Protection class per IEC60529			IP67	IP67	IP67	-
Material	Housing		Nickel plated brass	Nickel plated brass	Nickel plated brass	-
	Active surface		Poly Propylene	Poly Propylene	Poly Propylene	-
Connection			Cable	Cable	Connector/M12	-
Cable	Outer sheath		PVC	PVC	-	-
	Diameter/core		Φ 5mm / 3 x 0.3mm ²	Φ 5mm / 3 x 0.3mm ²	-	-
	Length		2m,3m,5m	2m,3m,5m	-	-
Remarks					Pin assignment of NO &NC 1 = +, 3 = -, 4 = output	

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



Ordering example (PVC cable 3m)

BES516-356-E3R-03