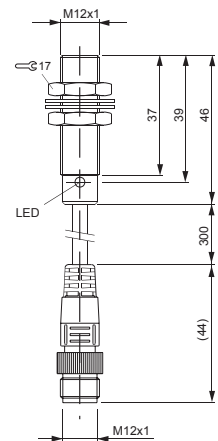
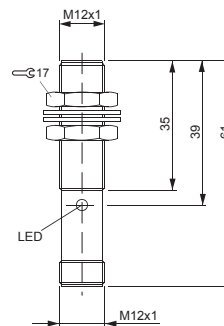
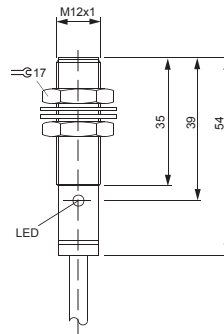
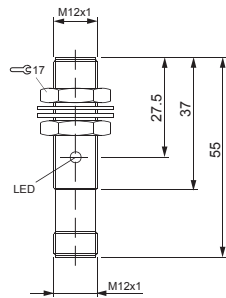
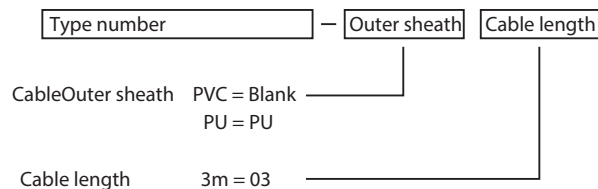


Housing size	M12 x 1	M12 x 1	M12 x 1	M12 x 1
Mounting type	Shield A	Shield B2	Shield B2	Shield B2
Rated operating distance(Sn)	2mm	3mm	3mm	3mm
Assured operating distance(Sa)	0...1.6mm	0...2.4mm	0...2.4mm	0...2.4mm



Type number	DC2W N.O. N.C.	BC5-1202D BC5-1202D1	BR5-1203F -	BCX-1203F -	BCX-1203F-CP03 -
Rated operational voltage(Ue)		12...24V DC	12...24V DC	12...24V DC	12...24V DC
Supply voltage(Us)		10...30V DC	10...30V DC	10...30V DC	10...30V DC
Voltage drop(Ud)		=<3.5V	=<3.5V	=<3.5V	=<3.5V
Rated operational current(Ia)		4...100mA	4...100mA	4...100mA	4...100mA
Off-state current(Ir)		=<0.65mA	=<0.65mA	=<0.65mA	=<0.65mA
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)		800Hz	800Hz	800Hz	800Hz
LED indication		Function	Function, Setting	Function, Setting	Function, Setting
Protection class per IEC60529		IP67	IP67	IP67	IP67
Material	Housing	Nickel plated brass	Nickel plated brass	Nickel plated brass	Nickel plated brass
	Active surface	Nylon	Nylon	Nylon	Nylon
Connection		connector/M12	Cable	connector/M12	Cable with connector/M12
Cable	Outer sheath	-	PVC	-	-
	Diameter/core	-	Ø 5mm / 2 x 0.5mm ²	-	-
	Length	-	2m,3m,5m	-	-
Remarks		Pin assignment of NO &NC 1 = +, 3 = -		Pin assignment of NO &NC 1 = +, 3 = -	Pin assignment of NO &NC 1 = +, 3 = -

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



Ordering example (PVC cable 3m)

BR5-1203F-03