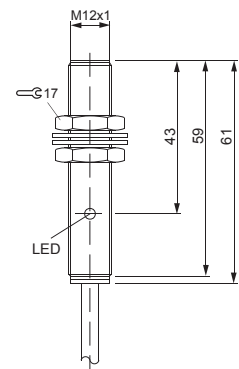
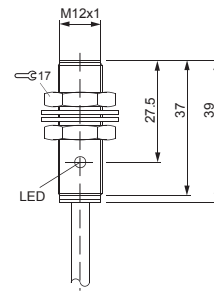
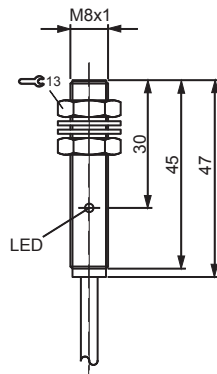
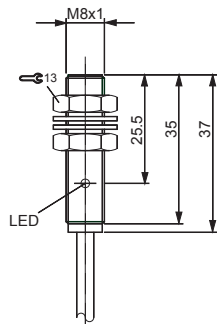
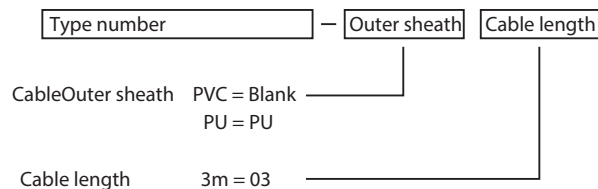


Housing size	M8 x 1	M8 x 1	M12 x 1	M12 x 1
Mounting type	Shield A	Shield A	Shield A	Shield A
Rated operating distance(Sn)	1.5mm	1.5mm	2mm	2mm
Assured operating distance(Sa)	0...1.2mm	0...1.2mm	0...1.6mm	0...1.6mm



Type number	DC2W N.O. N.C.	BR3-0801D BR3-0801D1	BR5-0801D BR5-0801D1	BR3-1202D BR3-1202D1	BR5-1202D BR5-1202D1
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	Function	Function
Protection class per IEC60529		IP67	IP67	IP67	IP67
Material	Housing	Stainless steel	Stainless steel	Nickel plated brass	Nickel plated brass
	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 / 2 x 0.14mm <sup>2</sup>	Φ 4mm / 2 x 0.14mm <sup>2</sup>	Φ 5mm / 2 x 0.5mm <sup>2</sup>	Φ 5mm / 2 x 0.5mm <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)

BR3-0801D-03