

## Paper Sensors

Type No.	Feature		MAXIMUM RATINGS(Ta=25c)			ELECTRO-OPTICAL CHARACTERISTICS(Ta=25v)	
			Supply voltage Vcc[V]	Low level output current IOL[mA]	Operating temp. Topr.[c]	Operating supply voltage Vcc[V]	Current consumption Icc[mA] Max
PS-117D/L	Dark-ON Light-ON	small size short range	5.5	30	-10~+60	4.75~5.25	16
PS-R11D/L		Long range	8	30	-10~+60	4.75~5.25	16
PS-R50D/L		Short	8	30	-10~+60	4.75~5.25	16

Type No	ELECTRO-OPTICAL CHARACTERISTICS(Ta=25c)								
	Minimum detecting distance LDS[mm] Max.Vcc=5V RL=1k		Maximum detecting distance Los[mm] Min.Vcc=5V RL=1k		3Non-detecting distance LNS(mm) Max.Vcc=5V RL=1k	Response tPLH/tPH L(mS) Vcc=5V RL=1k Max.	Output voltage high VOH(V) Min.Vcc=5V RL=1k	Output voltage Low VOL(V) Max.Vcc=5V Ic=10mA	Exterior light endire Ev(Ix) Vcc=5V RL=1k Min.
	kodak 90%	black	kodak 90%	Black	kodak 90%				
PS-117D/L	0.5	1.5	6.5	5.5	20	0.5	4	0.4	3,000
PS-R11D/L	5	-	10	-	60	0.5	4	0.4	3,000
PS-R50D/L	2	-	6	-	25	0.5	4	0.4	3,000



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