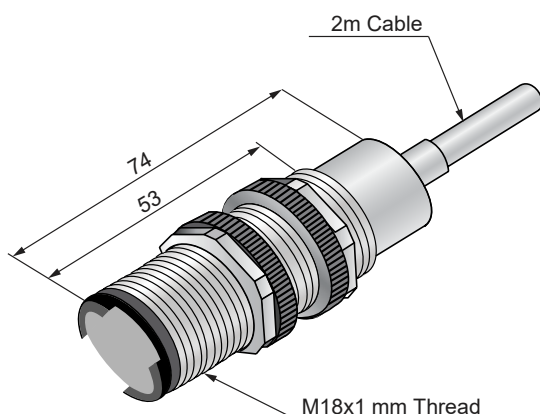


- ◆ Threaded cylindrical Photoelectric sensor
- ◆ Short-circuit protection and reverse polarity protection (DC Model only)
- ◆ Sensitivity adjuster
- ◆ ABS barrel applied to factory environments

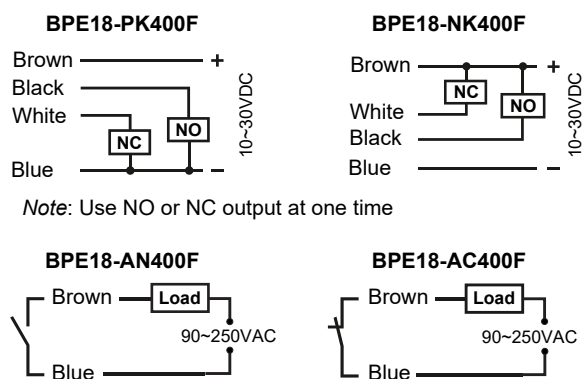


Sensing Mode	Diffuse 			
Model	BPE18-PK400F	BPE18-NK400F	BPE18-AN400F	BPE18-AC400F
Output Mode	PNP	NPN	AC-NO	AC-NC
Operating Voltage	10~ 30VDC		90~ 250VAC	
Operation Mode	NO (Dark on) / NC (Light on) by the wire Selection		NO (Dark on)	NC (Light on)
Load Current	200mA Max. at DC24V		300mA	
Current Consumption	<30 mA Max.		<5 mA Max.	
Sensing Range	400mm (white paper 100x100mm)			
Emitting Light	Infrared LED 850nm			
Response Time	1.5 ms Max.			
Insulation Resistance	20MΩ min. (DC500V)			
Voltage with Stand Ability	AC1000V 60Hz for 60 Sec.			
Operating Temperature	- 20°C ~ + 70°C			
Ambient Humidity	35% ~ 85% RH			
Protection Degree	IP64			
Material	ABS			
Wiring Method	Pre-wired Ø4.2 x 2 M / 4-wires		Pre-wired Ø3.4 x 2 M / 2-wires	
Weight	Approx. 70g			

◆ **Dimension Drawing**



◆ **Connection Diagram**



◆ **Sensing Characteristics**

Diffuse Mode (Sn=400mm)

