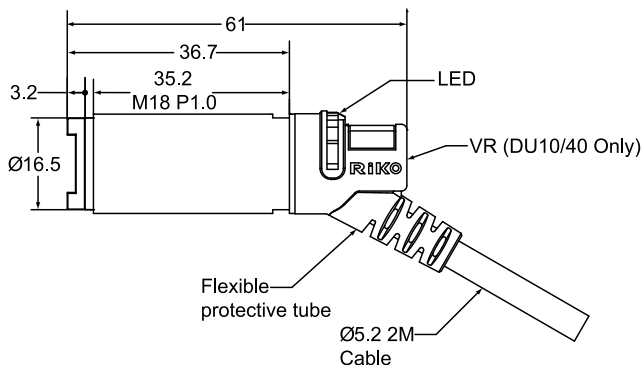


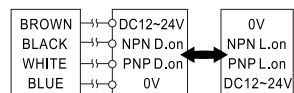
Model	PMF-10NP1 PMF-20NP1
	PMF-10NPK PMF-20NPK
Sensing type	Through beam
Sensing distance	10 M 20 M
Emitting light	Infrared LED 850 nm
Operating voltage	DC12 ~ 24 V
Current Consumption	(Receiver) 25 mA Max. (Emitter) 18mA Max.
Load current	100mA Max. at DC24V
Output type	NPN L.on/D.on PNP L.on/D.on
Response time	ON : 7 ms / OFF: 7 ms
Insulation resistance	20M Ω min. (DC500V)
Voltage withstandability	AC1000V 60Hz for 60 Sec.
Operating temperature	- 20 °C ~ + 60 °C
Ambient humidity	35% ~ 85% RH
Protection degree	IP66
Wiring method	PMF-DU10/40NP1 PMF-10/20NP1 PMF-R2NP1 (Receiver) $\varnothing$ 4.2 x 2M / 3-wires
	PMF-DU10/40NP1K PMF-10/20NP1K PMF-R2NP1K (Emitter) $\varnothing$ 4.2 x 2M / 2-wires
	M12 pigtailed connector type
Option	Bracket MF-01
Weight	Approx.165g

◆ Dimensions (unit:mm)



◆ Wiring diagrams

NP Output or Receiver



NP(Emitter)

