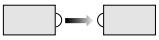
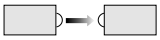
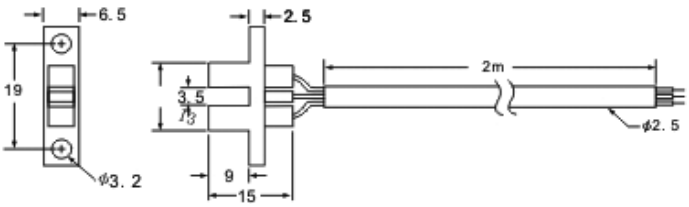
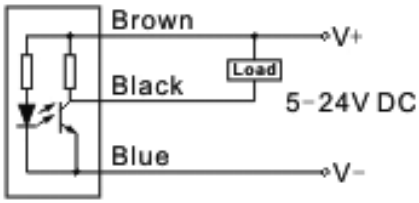
U SERIES PHOTOELECTRIC SENSOR

Type	U Series -C	U Series -D
Sensing Mode	Through-beam	Through-beam
Sensing Schematic		
Sensing Range	3.5mm	3.5mm
Supply Voltage	5-24VDC	5-24VDC
Ripple	<10%	<10%
Lightproof Current	<10mA	50-100mA
Incident Current	50-100mA	<10mA
Max. Output Current	100mA	100mA
Switching Frequency	>1KHz	>1KHz
Lightproof Output Voltage	Appr. Power Voltage	<0.7V
Incident Output Voltage	<0.7V	Appr. Power Voltage
Min. Detection distance	Φ1mm	Φ1mm
Output Mode	Shading Light ON type	Incident Light ON type
Output	NPN, Max. Current=100mA	NPN, Max. Current=100mA
Emitting Element	Infrared (880nm)	Infrared (880nm)
Protection Category	IP65	IP65
Operating Temperature	-25℃- +70℃	-25℃- +70℃
Slot Width	3.5mm	3.5mm
Short Circuit Protection	No	No
Indicator	Red LED when “ON” output	Red LED when “ON” output
Weight	approx.45 g	approx.45 g
Housing Material	PBT	PBT
2m PVC Cable (2.6 Φ 3x0.15)	PPU3.2-T3.5N-A4V2-C	PPU3.2-T3.5N-A4V2-D

Picture

Dimensions (unit: mm)



Wiring Diagram