

Proximity Sensor

Connector & Relay Cable INSTRUCTION MANUAL

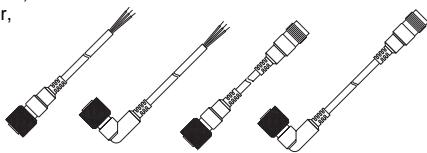
We appreciate you for purchasing HanYoung NUX Co.,Ltd product. Before using the product you have purchased, check to make sure that it is exactly what you ordered. Then, please use it following the instructions below.

MAIN PRODUCTS

- DIGITAL : Temperature Controller, Counter, Timer, Speedmeter, Tachometer, Panel Meter, Recorder
- SENSOR : Proximity Sensor/Photo Electric Sensor, Rotary Encoder, Optical Fiber Sensor, Pressure Sensor
- ANALOG : Timer, Temperature Controller

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Safety information

Before you use, read safety precautions carefully, and use this product properly. The precautions described in this manual contains important contents related with safety; therefore, please follow the instructions accordingly. The precautions are composed of DANGER, WARNING and CAUTION.

DANGER

Do not touch or contact the input/output terminals because they may cause electric shock.

WARNING

Since this product is not designed as a safely used device the user must install double safety equipment when this product is used for equipment with possible fatal accident or large property damage.

CAUTION

1. Check to make sure that it is exactly what you ordered.
2. Do not use this product at any place with corrosive (especially noxious gas or ammonia) or flammable gas.
3. Do not use this product at any place with liquid, oil, medical substances or steam.
4. When the product gets wet, the inspection is essential because there is danger of an electric leakage or fire.
5. Turn off the power before changing a cable.
6. After checking polarity of terminal, connect wires at the correct position.

7. Use a pressed terminal or do soldering when this product is connected to a equipment.
8. When you connect cables, tighten nuts at the allowable force.
9. Keep the cable away from sharp or heavy materials.
10. Do not tug cords with excessive force.

Ordering Information

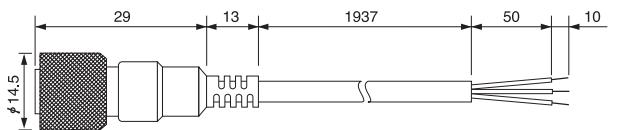
MODEL	Suffix Code				Description
Type	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Connector Cable
	A				Relay Cable
	B				
AC/DC	D				DC
	A				AC
	4				4 wires
Number of wires	3				3 wires
	2				2 wires
	S				Streate Type
Shape of connector	A				Angle Type
	2				2 m
Length				5	5 m

Specification

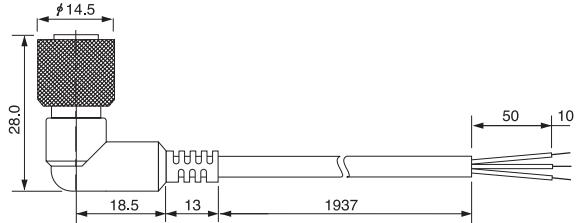
APPEARANCE	MODEL	STANDARD			CABLE TYPE
		Length(M)	Power supply	Wires	
	AA2S-2M	2	AC	2	Connector Cable
	AA2S-5M	5	AC	2	
	AD3S-2M	2	DC	3	
	AD3S-5M	5	DC	3	
	AD2S-2M	2	DC	2	
	AD2S-5M	5	DC	2	
	AA2A-2M	2	AC	2	
	AA2A-5M	5	AC	2	
	AD3A-2M	2	DC	3	
	AD3A-5M	5	DC	3	
	AD2A-2M	2	DC	2	Relay Cable
	AD2A-5M	5	DC	2	
	BA4S-2M	2	AC	4	
	BA4S-5M	5	AC	4	
	BD4S-2M	2	DC	4	
	BD4S-5M	5	DC	4	
	BA4A-2M	2	AC	4	
	BA4A-5M	5	AC	4	
	BD4A-2M	2	DC	4	
	BD4A-5M	5	DC	4	

■ Dimensions & Wiring (Connector cable)

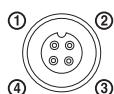
■ Model : AD3S, AD2S, AA2S



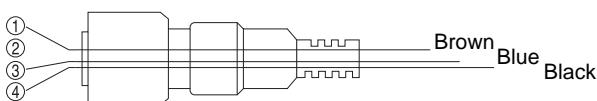
■ Model : AD3A, AD2A, AA2A



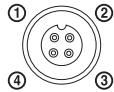
■ Wiring (DC 3 wires)



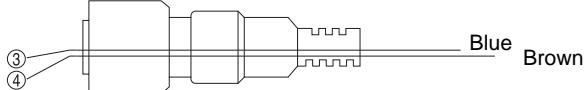
Terminal number



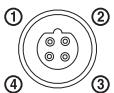
■ Wiring (DC 2 wires)



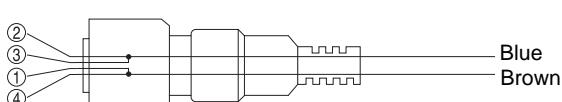
Terminal number



■ Wiring (AC Type)



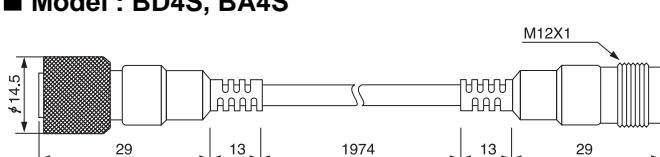
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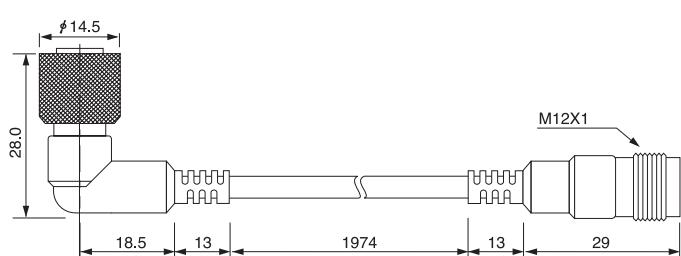
■ Dimensions & Wiring (Relay cable)

■ Model : BD4S, BA4S

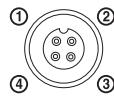
Unit: mm



■ Model : BD4A, BA4A



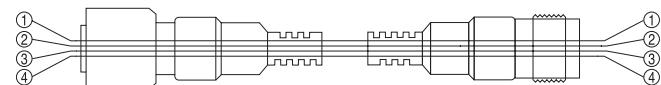
■ Wiring (DC Type)



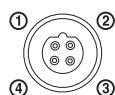
Terminal number



Terminal number



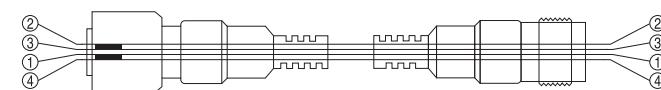
■ Wiring (AC Type)



Terminal number



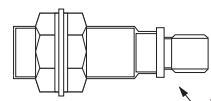
Terminal number



* (2)-(3), (1)-(4) 단자는 내부에서 단락되어있음.

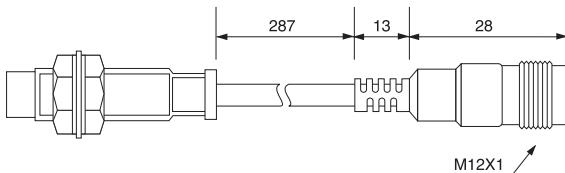
■ Dimensions of Connector and Preloaded connector type

■ Connector type



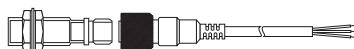
Unit: mm

■ Pre-leded connector type

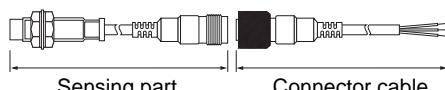


■ Cable Connection

■ Normal connection



<Connector type>

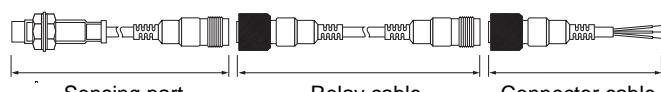


<Pre-leded connector type>

■ Using relay connector



<Connector type>



<Pre-leded connector type>