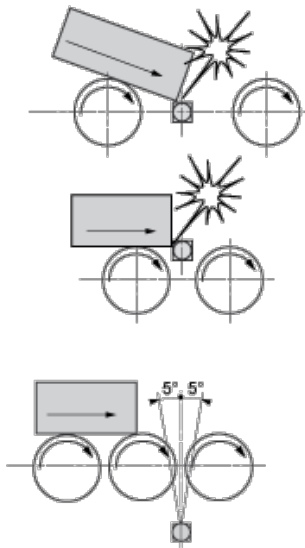


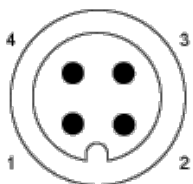
(1)  $S_n \leq 100$  mm

Not recommended



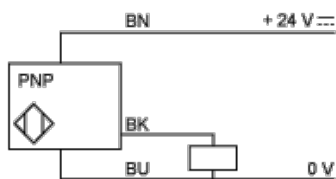
## Wiring Schemes

### M12 Connector



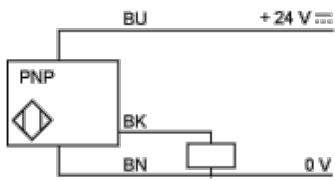
- 1 : Brown
- 2 : White (disconnected)
- 3 : Blue
- 4 : Black

### PNP, NO Output



- BN : Brown
- BU : Blue
- BK : Black

### PNP, NC Output

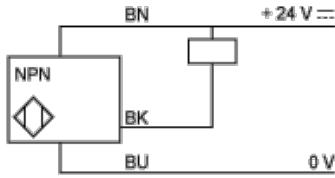


BN : Brown

BU : Blue

BK : Black

**NPN, NC Output**

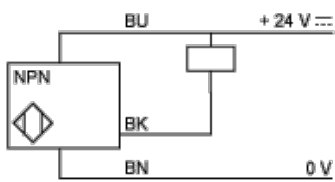


BN : Brown

BU : Blue

BK : Black

**NPN, NO Output**



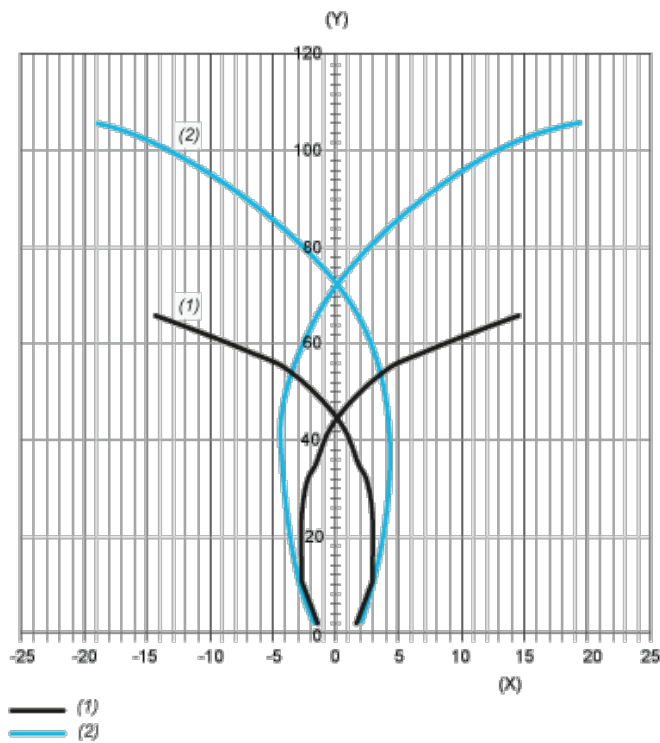
BN : Brown

BU : Blue

BK : Black

**Detection Curves**

**Conveyor Axis - Load Running Direction**



(1) Black 6%

(2) White 92%

(x) Distance between the target and the optical axis in mm

(y) Distance between the target and the sensor in mm