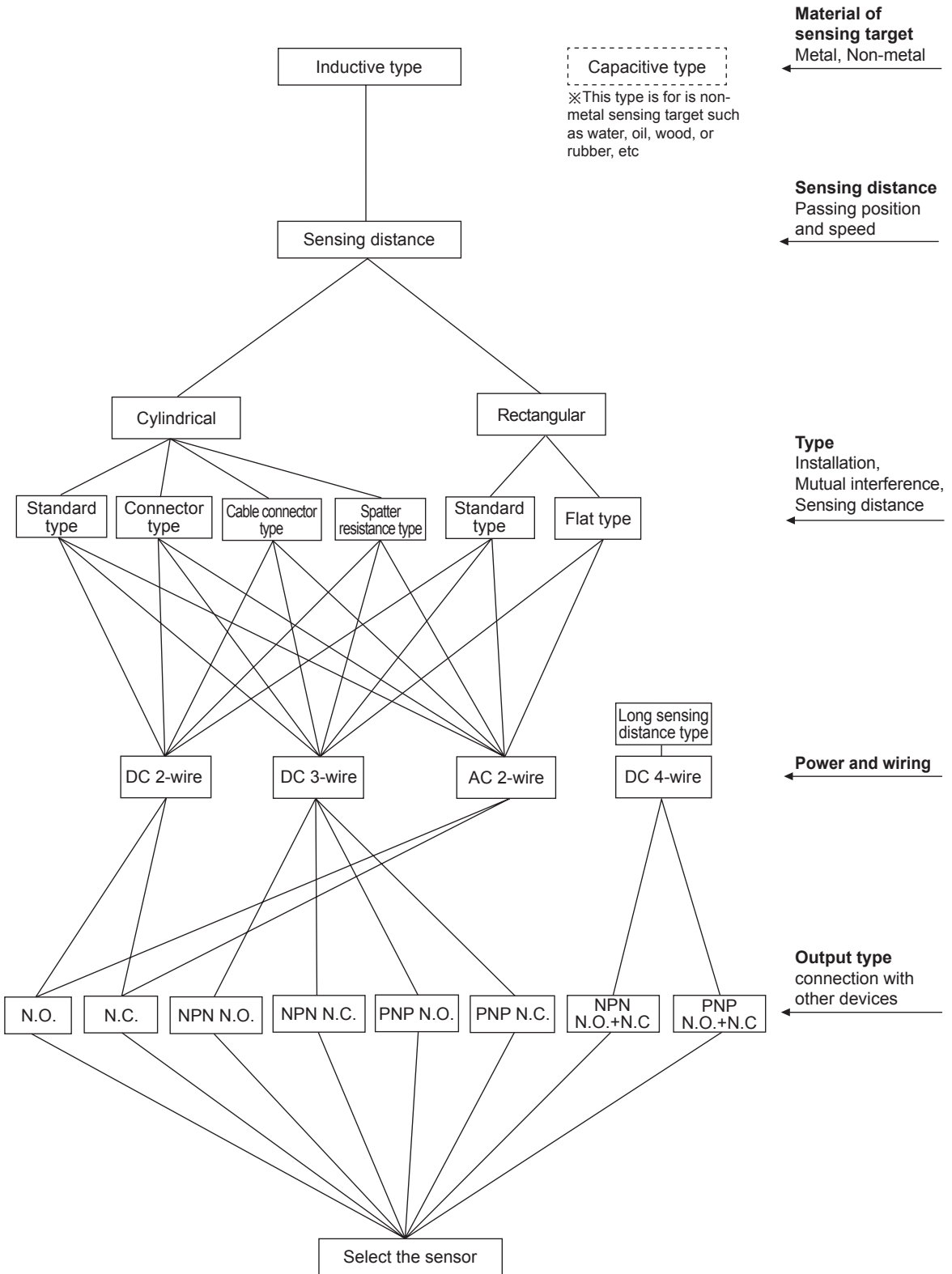


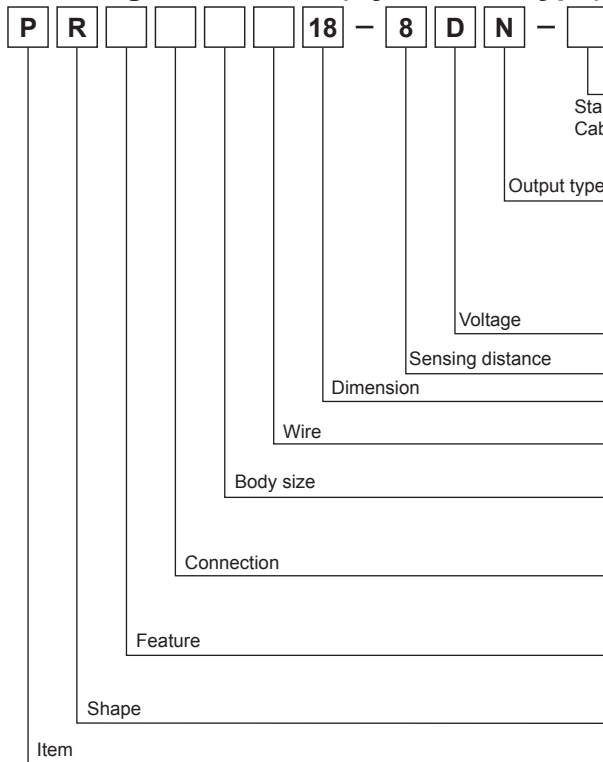
# Proximity Sensor Selection

## ■ Proximity Sensor Selection



# Ordering Information

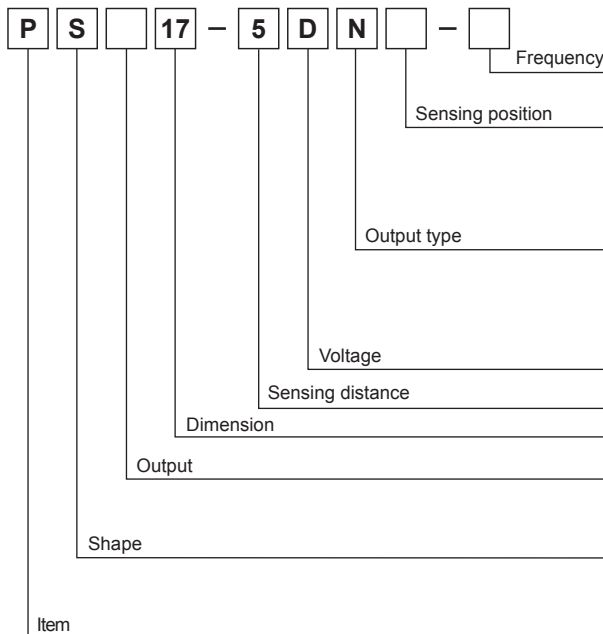
## Ordering Information (Cylindrical Type)



|                  |                                    |
|------------------|------------------------------------|
| No mark          | Standard type                      |
| I <sup>※1</sup>  | IEC standard                       |
| V                | Oil resistant cable                |
| IV               | Oil resistant cable (IEC standard) |
| N                | NPN N.O.                           |
| N2               | NPN N.C.                           |
| P                | PNP N.O.                           |
| P2               | PNP N.C.                           |
| O <sup>※2</sup>  | Normally Open                      |
| C <sup>※2</sup>  | Normally Closed                    |
| D                | 12-24VDC                           |
| X                | 12-24VDC (non-polar)               |
| A                | 100-240VAC                         |
| Number           | Sensing distance (mm)              |
| Number           | Diameter of head (mm)              |
| No mark          | DC 3-wire type, AC 2-wire type     |
| T                | DC 2-wire type                     |
| No mark          | Standard type                      |
| S <sup>※3</sup>  | Short body                         |
| L                | Long body                          |
| No mark          | Cable type                         |
| CM <sup>※1</sup> | Connector type                     |
| W <sup>※1</sup>  | Cable connector type               |
| No mark          | Standard type                      |
| A                | Spatter resistance type            |
| D                | Long sensing distance type         |
| R                | Cylindrical type                   |
| P                | Inductive proximity sensor         |
| C                | Capacitive proximity sensor        |

- ※1: IEC standard item is available and add "-I" to the end of model.
- ※2: Normally Open, Normally Closed output are only for DC 2-wire and AC 2-wire type.
- ※3: Short type is only for DC 3-wire of PR12 type.

## Ordering Information (Rectangular Type)



|                  |  |
|------------------|--|
| No mark          | Standard type                            |
| F <sup>※1</sup>  | Differential frequency type              |
| No mark          | Standard type                            |
| U <sup>※2</sup>  | Upside sensing type                      |
| N                | NPN N.O.                                 |
| N2               | NPN N.C.                                 |
| P                | PNP N.O.                                 |
| P2               | PNP N.C.                                 |
| O <sup>※3</sup>  | Normally Open                            |
| C <sup>※3</sup>  | Normally Closed                          |
| N3 <sup>※4</sup> | NPN N.O.+N.C.                            |
| P3 <sup>※4</sup> | PNP N.O.+N.C.                            |
| D                | 12-24VDC (AS Type:12-48VDC)              |
| A                | 100-240VAC                               |
| Number           | Sensing distance (mm)                    |
| Number           | Side length of head (mm)                 |
| No mark          | DC 3-wire type, AC 2-wire type           |
| T <sup>※5</sup>  | DC 2-wire type                           |
| S                | Square                                   |
| SN               | Square (new design)                      |
| SD               | Long distance square                     |
| FI               | Flat type (Injection case)               |
| P                | Inductive proximity sensor               |
| A                | Inductive long distance proximity sensor |

- ※1: Differential frequency type is only for PSN17 type.
- ※2: Upside sensing type is only for PS12, PSN17 type.
- ※3: Normally Open, Normally Closed output are only for DC 2-wire and AC 2-wire type.
- ※4: N3, P3 output is only for AS80 type.
- ※5: DC 2-wire type is only for PSN17 type.

|     |  |
|-----|--|
| (A) | Photoelectric Sensors                  |
| (B) | Fiber Optic Sensors                    |
| (C) | Door/Area Sensors                      |
| (D) | Proximity Sensors                      |
| (E) | Pressure Sensors                       |
| (F) | Rotary Encoders                        |
| (G) | Connectors/ Sockets                    |
| (H) | Temperature Controllers                |
| (I) | SSRs / Power Controllers               |
| (J) | Counters                               |
| (K) | Timers                                 |
| (L) | Panel Meters                           |
| (M) | Tacho / Speed / Pulse Meters           |
| (N) | Display Units                          |
| (O) | Sensor Controllers                     |
| (P) | Switching Mode Power Supplies          |
| (Q) | Stepper Motors & Drivers & Controllers |
| (R) | Graphic/ Logic Panels                  |
| (S) | Field Network Devices                  |
| (T) | Software                               |