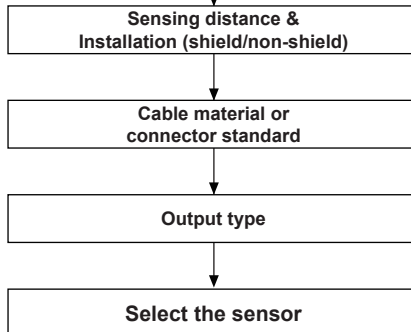
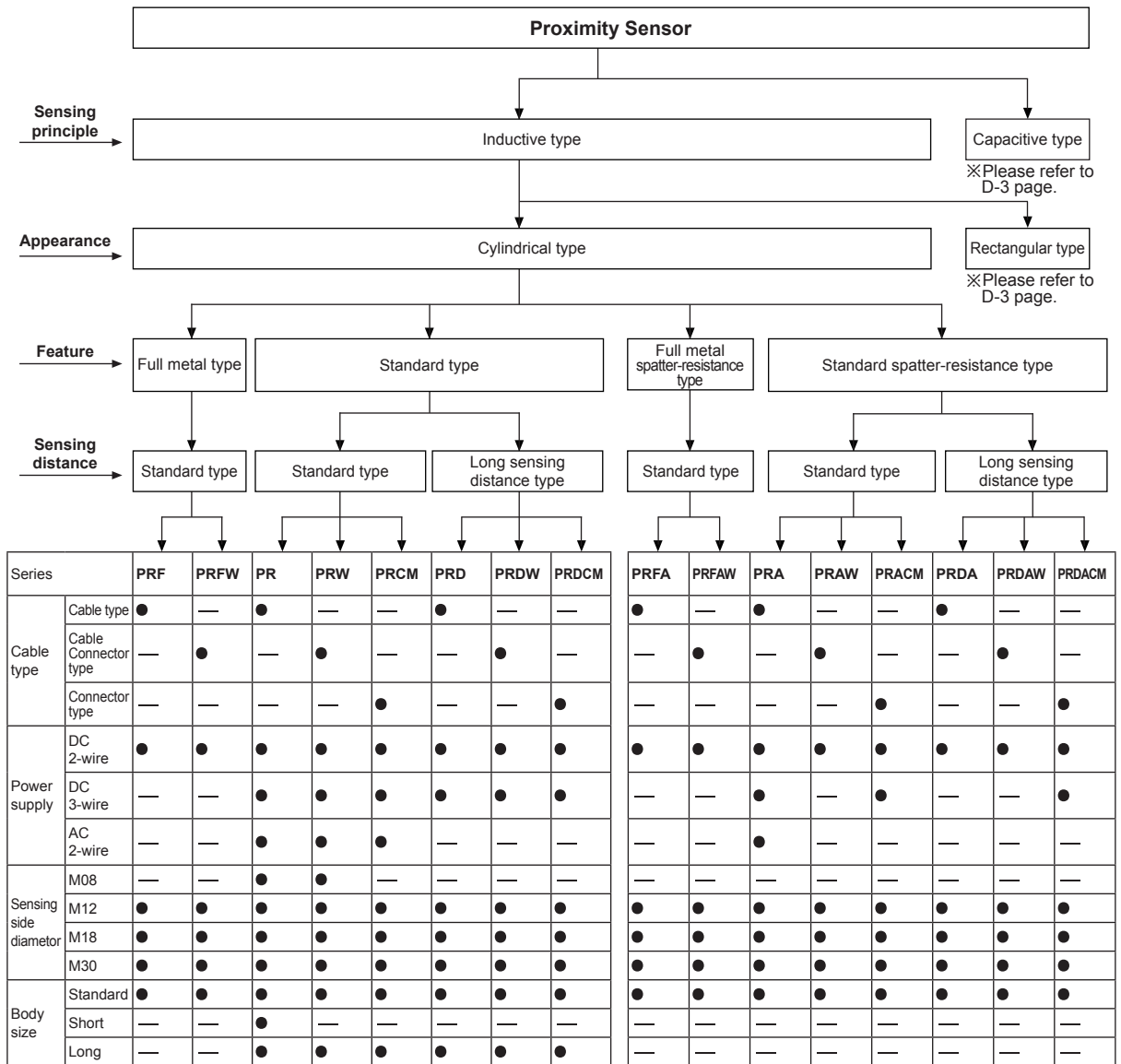
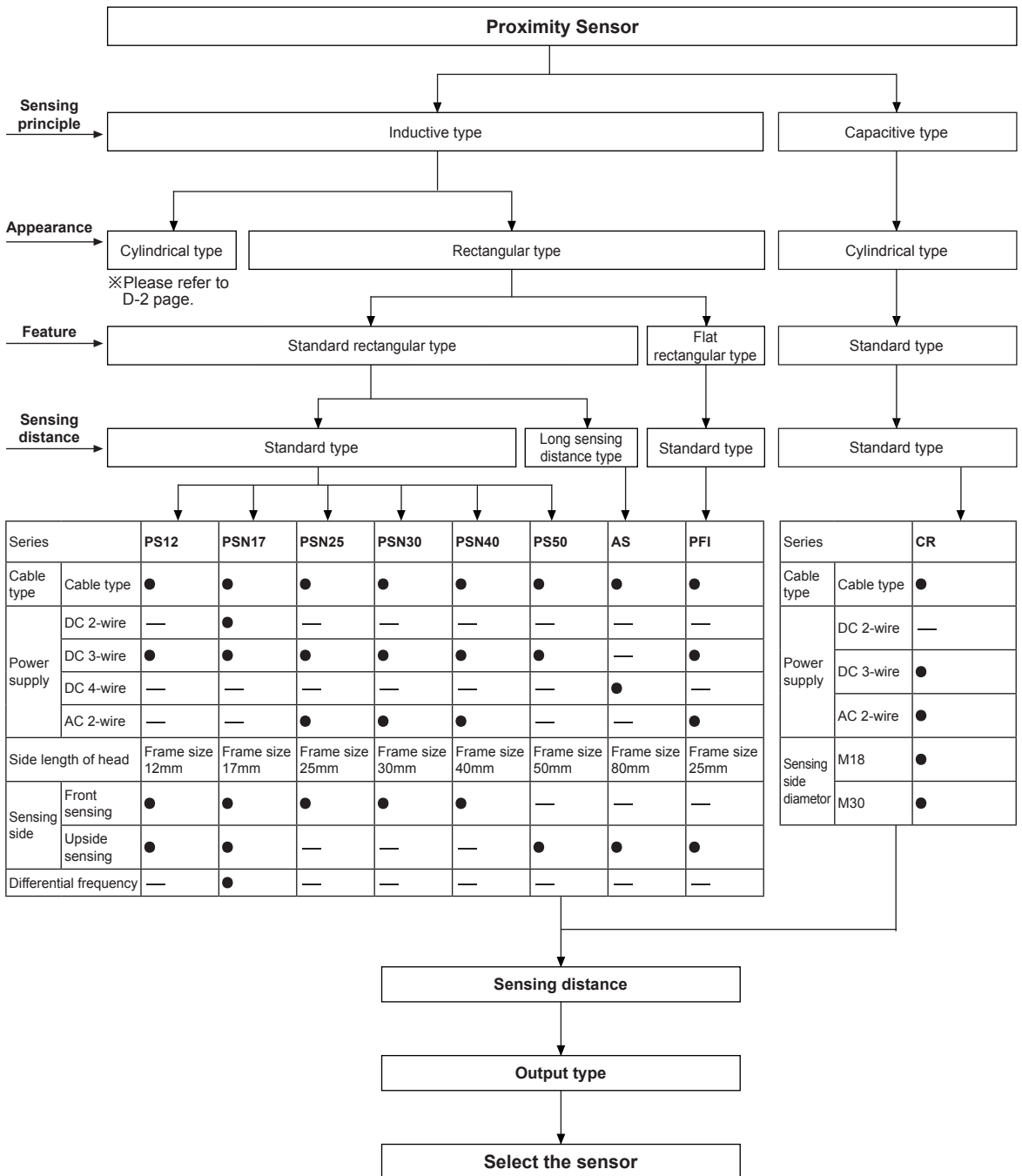


# Proximity Sensor Selection

## ■ Proximity Sensor Selection



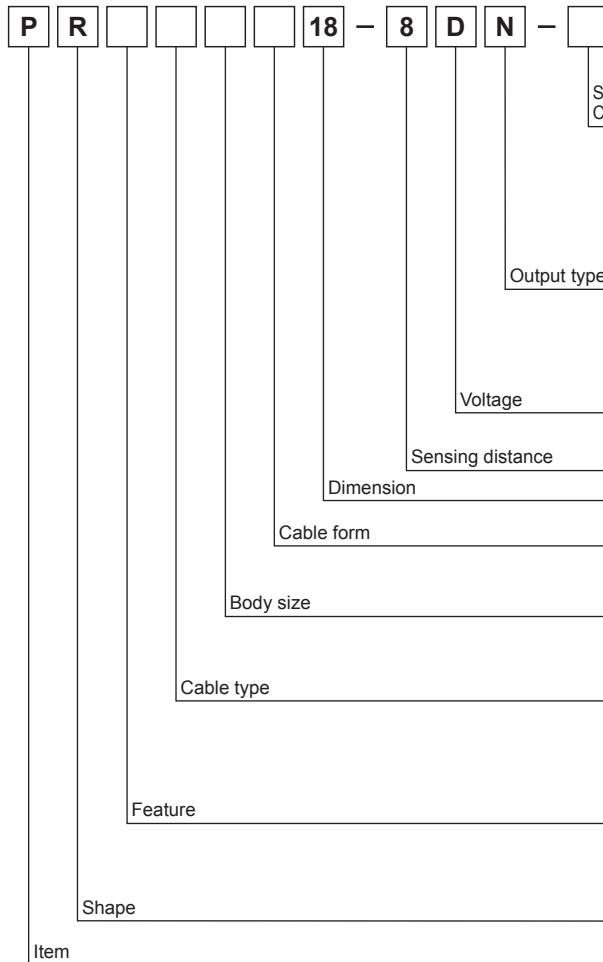
# Proximity Sensor Selection



- (A) Photoelectric Sensors
- (B) Fiber Optic Sensors
- (C) Door/Area Sensors
- (D) Proximity Sensors
- (E) Pressure Sensors
- (F) Rotary Encoders
- (G) Connectors/ Connector Cables/ Sensor Distribution Boxes/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

# 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)
S	Arc resistant cable type
IS	Oil resistant cable type (IEC standard)
N	NPN N.O. (Normally Open)
N2	NPN N.C. (Normally Closed)
P	PNP N.O. (Normally Open)
P2	PNP N.C. (Normally Closed)
O <sup>※2</sup>	Normally Open
C <sup>※2</sup>	Normally Closed
D	12-24VDC
X	12-24VDC (non-polar)
A	100-240VAC
Number	Standard sensing distance (unit: mm)
Number	Diameter of head (unit: 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
W	Cable connector type
CM	Connector type
No mark	Standard type
D	Long sensing distance type
A	Spatter resistance type
DA	Long sensing distance spatter-resistance type
F	Full metal, Standard type
FA	Full metal, Spatter resistance 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 series.

## Ordering Information (Rectangular Type)

**P** **S** **17** - **5** **D** **N** -

Frequency	No mark	Standard type
	F <sup>※1</sup>	Differential frequency type
Sensing position	No mark	Standard type
	U <sup>※2</sup>	Upside sensing type
Output type	N	NPN N.O. (Normally Open)
	N2	NPN N.C. (Normally Closed)
	P	PNP N.O. (Normally Open)
	P2	PNP N.C. (Normally Closed)
Voltage	O <sup>※3</sup>	Normally Open
	C <sup>※3</sup>	Normally Closed
	N3 <sup>※4</sup>	NPN N.O.+N.C. (Normally Open+Normally Closed)
	P3 <sup>※4</sup>	PNP N.O.+N.C. (Normally Open+Normally Closed)
Sensing distance	D	12-24VDC (AS series: 12-48VDC)
	A	100-240VAC
Dimension	Number	Standard sensing distance (unit: mm)
Cable form	Number	Side length of head (unit: mm)
Shape	No mark	DC 3-wire type, AC 2-wire type
	T <sup>※5</sup>	DC 2-wire type
Item	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 series.
- ※2: Upside sensing type is only for PS12, PSN17 series.
- ※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 series.
- ※5: DC 2-wire type is only for PSN17 series.

- (A) Photoelectric Sensors
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- (D) Proximity Sensors**
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- (G) Connectors/ Connector Cables/ Sensor Distribution Boxes/Sockets
- (H) Temperature Controllers
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