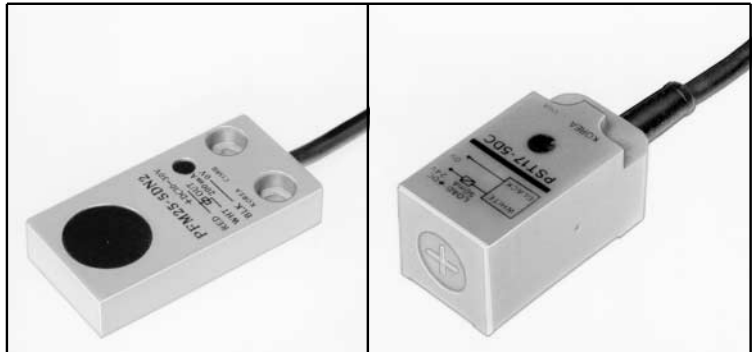




Series PS

Flat and Square Inductive Proximity Sensors

50mm x 25mm Flat, 17mm²



SIZE		50mm X 25mm Flat	17mm ² Square
TYPE		3 Wire DC	3 Wire DC
Maximum Sensing Distance	(Sn)mm	5	8
Standard Target Size	mm	30 x 30 x 1	25 x 25 x 1
Maximum Switching Frequency	Hz	350	200
Supply Voltage (<10% Ripple VDC Models)		10-30VDC	
Leakage Current	mA		
Voltage Drop (ON State)		< 1.5VDC	
Outputs		NO or NC	
Output Type		NPN or PNP	
Housing Material		Aluminum	Plastic
ORDERING INFORMATION	NPN NO	PFM25 - 5DN	PS17 - 8DN
	NPN NC	PFM25 - 5DN2	PS17 - 8DN2
	PNP NO	PFM25 - 5DP	PS17 - 8DP
	AC NO		
	AC NC		

SPECIFICATIONS

SWITCHING POINT HYSTERESIS

<10% of Max. Sensing Distance

MAXIMUM OUTPUT CURRENT

200mA

NO LOAD CURRENT @12VDC

<10mA (DC Models)

SHORT CIRCUIT PROTECTION

No

REVERSE POLARITY PROTECTION

Yes

LED INDICATOR

Yes

OPERATING TEMPERATURE

-25°C to +70°C

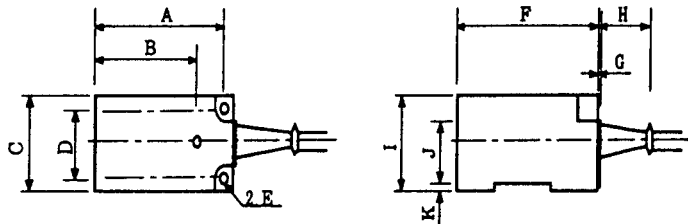
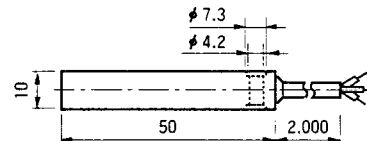
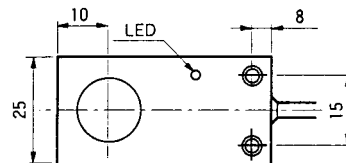
STANDARD TERMINATION

2 Meter Cable

DEGREE OF PROTECTION

NEMA 1, 4, 6, 12, 13 (IP67)

DIMENSIONS



	A	B	C	D	E	F	G	H	I	J	K
PS17—	31	18.8	17	11	ø 3.2	35.6	1.8	14.5	17	14	0.5
PS30—	48.5	37	30	22	ø 4.5	53	1.8	19	30	21.5	0.5
PS40—	48.5	37	40	30	ø 5.5	53	1.8	19	40	30	0.5