

# Proximity Sensors with Built-in Amplifier - Screw

All Metal / Heat Resistant / Mini

■ **Features:** Case and detection surface with strong stainless steel one piece housing. High shock resistance allows stable detection even when coming to contact with workpiece.

■ **All Metal (IP68)**

**PSAM**

**A** Accessory: Hex Nut 2 pcs.  
M8 Thickness 4 Hex Socket 13  
M12 Thickness 4 Hex Socket 17  
M18 Thickness 4 Hex Socket 24  
M30 Thickness 5 Hex Socket 36

RoHS 10

Part Number Type	M	Detection Distance (mm)	MxP (Fine)	L	d	Output	Unit Price	Volume Discount Rate
							1 ~ 5 pc(s).	6~20
PSAM	8	3	8x1.0	45	3.5	NPN N.O.		
	12	6	12x1.0	50	5			
	18	10	18x1.0					
	30	20	30x1.5					

■ **Features:** Useable in temperatures 100°C or more.

■ **Heat Resistant (IP67)**

**PSHM**

Part Number	Operating Ambient Temperature Range
PSHM8	0°C~+140°C
PSHM12	0°C~+150°C
PSHM18	0°C~+180°C

**A** Accessory: Hex Nut 2 pcs.  
M8 Thickness 4 Hex Socket 13  
M12 Thickness 4 Hex Socket 17  
M18 Thickness 4 Hex Socket 24

RoHS 10

Part Number Type	M	Detection Distance (mm)	MxP (Fine)	L1	L2	L3	d	Output	Unit Price	Volume Discount Rate
									1 ~ 5 pc(s).	6~10
PSHM	8	2	8x1.0	55	60	-	5	NPN N.O.		
	12	3	12x1.0	49	56	59	5			
	18	5	18x1.0	60	70	76	3			

■ **Features:** Diameter being as small as Ø3 and M4, it can fit in limited spaces.

■ **Mini (IP67)**

**PSMMD3**      **PSMM4**

**A** Accessory: Hex Nut 2 pcs. (PSMM4 only)  
M4 Thickness 2 Hex Socket 6

RoHS 10

Part Number	Detection Distance (mm)	Output	Unit Price	Volume Discount Rate
			1 ~ 5 pc(s).	6~20
PSMMD3	1	NPN N.O.		
PSMM4				

⚠ For orders larger than indicated quantity, please check with WOS.



Ordering Example

Part Number

PSAM8  
PSHM12  
PSMM4