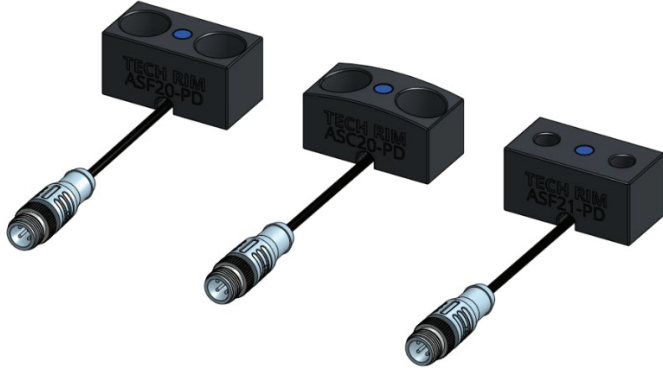


TECH-STOP



NAAMS Stop Block with integrated inductive sensor. Perfect solution for automation products like cylinders, actuators, slides, rotates, gantries, etc. Eliminates need for additional brackets and adjustments.

Features

- NAAMS Standard Mount Pattern
- 2mm Nominal Sensing Range
- M12 Connector with LEDs (300mm long cord)
- PNP, Normally Open Output Function

Ordering Information

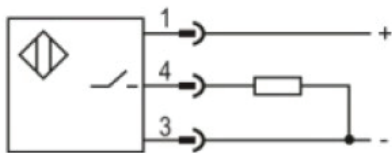
ASC020-PD	Crowned style, 25mm, Drilled and Counterbored for M10 Socket Head Cap Screw
ASF020-PD	Flat style, 25mm, Drilled and Counterbored for M10 Socket Head Cap Screw
ASF021-PD	Flat style, 25mm, Tapped Thru M10 x 1.5

- Contact Tech Rim for additional sizes. Special orders available on request.

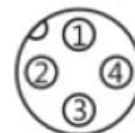
Operating Characteristics

Mounting	See drawings	Protection circuit	Short-circuit, overload and reverse polarity protection
Rated distance S_n	2mm	Power indicator	Green LED
Assured distance S_a	0...1.6mm	Output indicator	Yellow LED
Output	PNP NO	Ambient temperature	-25°C...70°C
Supply voltage	10...30 VDC	Ambient humidity	35-95%RH
Standard target	Fe, 8 x 8 x 1mm	Switch frequency	1000 Hz
Switch point offset [%/Sr]	$\leq \pm 10\%$	Insulation resistance	$\geq 50M\Omega(500VDC)$
Hysteresis range [%/Sr]	3-15%	Vibration resistance	Complex amplitude 1.5mm 10...50Hz(2H per X,Y,Z direction)
Repeated error	$\leq 3\%$	Protection degree	IP67
Load current	$\leq 150mA$	Housing material	Steel, black oxide finish
Residual voltage	$\leq 1.8V$	Material of sensing face	Plastic
Current consumption	$\leq 15mA$	Protection circuit	300mm +5mm XL-PUR cable + M12 connector with LED

Wiring Diagram & Connections



Schematic



M12 Pinout

Physical Dimensions

See drawings on following page

