

FA

M18 Barrel Photoelectric Sensor



Key Features

- Compact M18 sensors, 10-30VDC
- Models with axial & 90° optics
- IR, red light & red light laser emission models available
- Intelligent models with background suppression
- Metal & plastic housings*
- Models with or without sensitivity adjustment
- IP67 protection rating



FA Series Selection

	Type	Distance	Output	Sensitivity Adjustment
FAIH/X0-**-	Infrared LED Emission	20m (axial optics), 15m (90° optics)	-	No
FAIH/00-**-	Infrared LED Emission	20m (axial optics), 15m (90° optics)	-	No
FAIZ/**-**-	Receiver	20m (axial optics), 15m (90° optics)	NPN or PNP	No
FAID/**-**-	Receiver	20m (axial optics), 15m (90° optics)		Yes
FALH/X0-**-	Visible Red Laser Emission	50m	-	Yes
FAL4/**-**-	Diffuse Red Laser Emission	300mm	NPN or PNP	Yes (teach function)
FALN/**-**-	Polarized Retro-Reflective	25m with RL110		Yes (teach function)
FARA/**-**-	Diffuse Red LED Emission	50mm		No
FARB/**-**-	Diffuse Red LED Emission	50mm		Yes
FAR2/**-**-	Diffuse Red LED Emission	100mm		No
FAR3/**-**-	Diffuse Red LED Emission	100mm		Yes
FA14/**-**-	Diffuse Infrared Emission	200mm		Yes
FA15/**-**-	Diffuse Infrared Emission	200mm		No
FA16/**-**-	Diffuse Infrared Emission	400mm		No
FA17/**-**-	Diffuse Infrared Emission	400mm		Yes
FA18/**-**-	Diffuse Infrared Emission	1m		Yes
FA19/**-**-	Diffuse Infrared Emission	1m		No
FAIC/**-**-	Retro-Reflective Infrared Emission	4m		No
FAIM/**-**-	Retro-Reflective Infrared Emission	4m		Yes
FAIP/**-**-	Retro-Reflective Red LED Emission	3m (axial optics), 2m (90° optics)		No
FAIN/**-**-	Retro-Reflective Red LED Emission	3m (axial optics), 2m (90° optics)		Yes
FAIL/**-**-	Polarized Retro-Reflective	1m		Yes

* Please check the product datasheet at www.imopc.com for the correct ordering code.



In addition to the sensors shown in this brochure IMO also offers an extensive range of cables, reflectors and brackets to suit all our sensors