

Cubic Magnetic Field Sensors

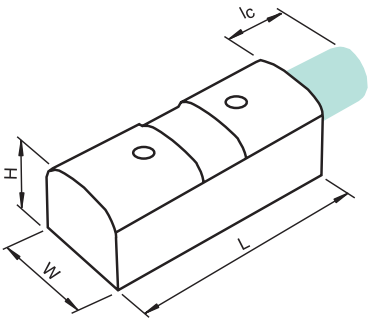
F12/F32 Series



Common Technical Data	
Type of voltage	DC

For detailed data and description, see the datasheet. Further products can be found online at www.pepperl-fuchs.com.

Model Number	Mechanical Installation Conditions	Detection Range	Type of Output	Switching Element Function	Switching Frequency	UB (Min)	UB (Max)	Connection Type	Temperature (Min)	Temperature (Max)	Length L	Width W	Height H	UL	ATEX	IECEX
50FY41-V4A-12	nonflush	2.5 mm	PNP/NPN	Normally-open (NO)		10 V	12 V	Fixed cable	-40 °C	100 °C	39 mm	39 mm	12.7 mm	■	■	■
50FY41-V4A-50	nonflush	2.5 mm	PNP/NPN	Normally-open (NO)		10 V	12 V	Fixed cable	-40 °C	100 °C	39 mm	39 mm	12.7 mm	■	■	■
50FY41-V4A-6	nonflush	2.5 mm	PNP/NPN	Normally-open (NO)		10 V	12 V	Fixed cable	-40 °C	100 °C	39 mm	39 mm	12.7 mm	■	■	■
MB-F32-A2	nonflush		PNP	complementary		10 V	30 V	Fixed cable	-25 °C	85 °C	50 mm	18 mm	21 mm			
MB-F32-A2-V1	nonflush		PNP	complementary		10 V	30 V	M12 connector plug	-25 °C	85 °C	50 mm	18 mm	21 mm			
MB35-F12-1N	flush	35 mm	NAMUR	Normally-open (NO)	5000 Hz	8.2 V	8.2 V	Fixed cable	-25 °C	70 °C	30 mm	12 mm	12 mm		■	■
MB35-F12-1N-5M	flush	35 mm	NAMUR	Normally-open (NO)	5000 Hz	8.2 V	8.2 V	Fixed cable	-25 °C	70 °C	30 mm	12 mm	12 mm		■	■



Accessories	
KE5D2-6H/2R-S	Safety monitor
V1-G-2M-PUR	Single-ended female cordset, M12, straight A-coded, 4-pin, PUR cable, gray
V1-W-2M-PUR	Single-ended female cordset, M12, angled, A-coded, 4-pin, PUR cable, gray
52FY31-V4A	Magnetic actuator