

Cylindrical Magnetic Field Sensors

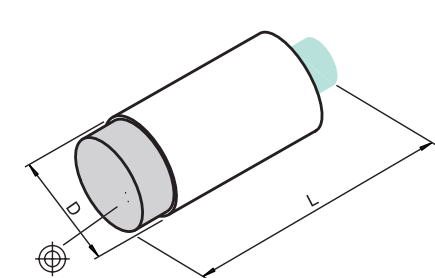
8 mm/12 mm/18 mm Series



Common Technical Data	
Mechanical installation conditions	flush
Switching element function	Normally-open (NO)
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	Detection Range	Type of Output	Switching Frequency	UB (Min)	UB (Max)	Connection Type	Cable Length	Cable Material	Temperature (Min)	Temperature (Max)	Length L	Diameter D	UL	ATEX	IECEx
MB60-8GM50-E2	60 mm	PNP	5000 Hz	10 V	30 V	Fixed cable	2000 mm	PUR	-25 °C	75 °C	50 mm	8 mm	■		
MB60-8GM50-E2-V3	60 mm	PNP	5000 Hz	10 V	30 V	M8 connector plug			-25 °C	75 °C	60 mm	8 mm	■		
MB60-12GM50-E2	60 mm	PNP	5000 Hz	10 V	30 V	Fixed cable	2000 mm	PUR	-25 °C	75 °C	50 mm	12 mm	■		
MMB60-12GH50-E2-V1	60 mm	PNP	5000 Hz	10 V	30 V	M12 connector plug			-25 °C	75 °C	60 mm	12 mm	■		
MMB60-12H50-E2-V1	60 mm	PNP	5000 Hz	10 V	30 V	M12 connector plug			0 °C	100 °C	60 mm	12 mm	■		
MMB70-12GH50-1N	70 mm	NAMUR	1000 Hz	8.2 V	8.2 V	Fixed cable	2000 mm	PVC	-25 °C	70 °C	50 mm	12 mm		■	■
MMB70-12GH50-1N-V1	70 mm	NAMUR	1000 Hz	8.2 V	8.2 V	M12 connector plug			-25 °C	70 °C	60 mm	12 mm		■	■
MMB70-18GH50-E2-V1	70 mm	PNP	5000 Hz	10 V	30 V	M12 connector plug			-25 °C	75 °C	60 mm	18 mm	■		
MB80-12GM50-E0	80 mm	NPN	5000 Hz	10 V	30 V	Fixed cable	2000 mm	PVC	-25 °C	70 °C	50 mm	12 mm			
MB80-12GM50-E0-PUR	80 mm	NPN	5000 Hz	10 V	30 V	Fixed cable	2000 mm	PUR	-25 °C	70 °C	50 mm	12 mm			
MB80-12GM50-E0-V1	80 mm	NPN	5000 Hz	10 V	30 V	M12 connector plug			-25 °C	70 °C	65 mm	12 mm			
MB80-12GM50-E2	80 mm	PNP	5000 Hz	10 V	30 V	Fixed cable	2000 mm	PVC	-25 °C	70 °C	50 mm	12 mm			
MB80-12GM50-E2-V1	80 mm	PNP	5000 Hz	10 V	30 V	M12 connector plug			-25 °C	70 °C	65 mm	12 mm			



Accessories	
BF 12	Mounting adapter, 12 mm
BF 8	Mounting adapter, 8 mm
DM 25-32-07	Permanent magnet for magnetic field sensors
DM 60-31-15	Permanent magnet for magnetic field sensors
V1-G-2M-PUR	Single-ended female cordset, M12, straight A-coded, 4-pin, PUR cable, gray
V1-G-OR2M-POC	Single-ended female cordset, M12, straight, A-coded, 4-pin, POC cable, welding-bead resistant, orange, suitable for robots, torsion-proof, oil-resistant, cross-linked molecules
V1-W-2M-PUR	Single-ended female cordset, M12, angled, A-coded, 4-pin, PUR cable, gray
V3-WM-2M-PUR	Single-ended female cordset, M8, angled, A-coded, 3-pin, PUR cable, gray