

Magnetic Cylinder Sensors with Mounting System

BMF 305



BMF 305	BMF 305	BMF 305	BMF 305	BMF 305
Universal position monitoring with M8 connector	Universal position monitoring with M8 connector	Universal position monitoring with M12 connector	Universal position monitoring with M12 connector	Universal position monitoring with PUR cable
BMF005L	BMF0060	BMF0058	BMF005Z	BMF0056
BMF 305K-PS-C-2-SA2-S49-00,3	BMF 305K-PS-C-2-SA95-S75-00,3	BMF 305K-PS-C-2-S4-00,2	BMF 305K-PS-C-2-SA95-S4-00,3	BMF 305K-PS-C-2-PU-02
BMF0055				BMF0052
BMF 305K-PO-C-2-SA2-S49-00,3				BMF 305K-PO-C-2-PU-02
BMF0050				BMF004W
BMF 305K-NS-C-2-SA2-S49-00,3				BMF 305K-NS-C-2-PU-02
BMF004U				BMF004P
BMF 305K-NO-C-2-SA2-S49-00,3				BMF 305K-NO-C-2-PU-02
10...30 V DC	10...30 V DC	10...30 V DC	10...30 V DC	10...30 V DC
≤ 3.1 V	≤ 3.1 V	≤ 2 V	≤ 3.1 V	≤ 3.1 V
75 V DC	75 V DC	75 V DC	75 V DC	75 V DC
200 mA	200 mA	100 mA	200 mA	200 mA
≤ 30 mA	≤ 30 mA	≤ 5 mA	≤ 30 mA	≤ 30 mA
Yes/Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
1.2 kA/m (15 Gauss)	1.2 kA/m (15 Gauss)	1.2 kA/m (15 Gauss)	1.2 kA/m (15 Gauss)	1.2 kA/m (15 Gauss)
≥ 2 kA/m (25 Gauss)	≥ 2 kA/m (25 Gauss)	≥ 2 kA/m (25 Gauss)	≥ 2 kA/m (25 Gauss)	≥ 2 kA/m (25 Gauss)
≤ 45%	≤ 45%	≤ 45%	≤ 45%	≤ 45%
≤ 0.3 %/°C	≤ 0.3 %/°C	≤ 0.3 %/°C	≤ 0.3 %/°C	≤ 0.3 %/°C
≤ 0.05 ms/≤ 0.05 ms	≤ 0.05 ms	≤ 0.07 ms	≤ 0.05 ms	≤ 0.05 ms
-25...+85 °C	-25...+85 °C	-25...+70 °C	-25...+85 °C	-25...+85 °C
IP 67	IP 67	IP 67	IP 67	IP 67
CE, cULus	CE, cULus	CE, cULus	CE, cULus	CE, cULus
LCP	LCP	LCP	LCP	LCP
0.3 m PUR cable with M8 connector, 3-pin	0.3 m PUR cable with M8 connector, 4-pin	0.2 m PUR cable with M12 connector, 4-pin	0.3 m PUR cable with M12 connector, 4-pin	2 m PUR cable
BCC M313-0000-10-001-PX43T2-050	BCC M314-0000-10-003-PX43T2-050	BCC M415-0000-1A-003-PX44T2-050	BCC M415-0000-1A-003-PX44T2-050	26 AWG



Magnetic cylinder sensors

Magnetic cylinder sensors with mounting system

BMF 103

BMF 303

BMF 305

BMF 21

Total Productive Maintenance

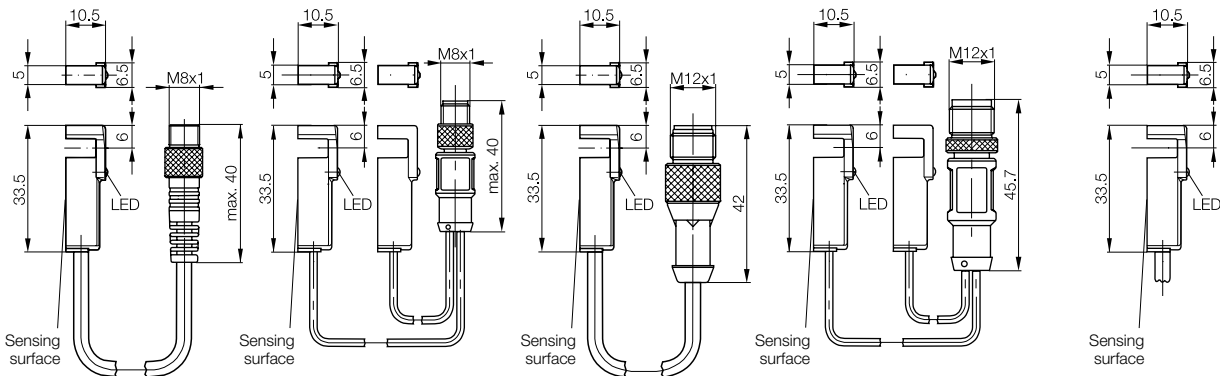
Magnetic cylinder sensors with a compact design

Magnetic cylinder sensors with special properties

Magnetic sensors for object detection

Magneto-inductive displacement sensors for analog position measurement

Accessories for magnetic cylinder sensors



Suitable mounting brackets for BMF 305 can be found on **page 868**