



Ultrabright LED



Easy troubleshooting from far away (25 m in bright factory building)



New mounting concept



Secure hold in the slot, sensor cannot be wrenched from the slot.



Knurled screw



Sensor screws in firmly, extremely secure hold in any slot (e.g. Parker, Festo, SMC, Bosch)



Minimum length: 23 mm!
8 mm shorter than previous model.



Can be used in applications with limited space, short stroke cylinders and grippers





Can be installed from above, easy to install with hexagon socket or slot screwdriver

Sensors for Pneumatic Cylinders

BMF 235



Size	BMF 235		BMF 235
Dimensions (HxWxL)	5.5x5x23.5 mm		5.5x5x23.5 mm
PNP NO	Ordering code	BMF00C4	BMF00AR
	Part number	BMF 235K-PS-C-2A-SA2-S49-00,3	BMF 235K-PS-C-2A-PU-02
NC	Ordering code	BMF00C6	BMF00AT
	Part number	BMF 235K-PO-C-2A-SA2-S49-00,3	BMF 235K-PO-C-2A-PU-02
NPN NO	Ordering code	BMF00C2	BMF00AU
	Part number	BMF 235K-NS-C-2A-SA2-S49-00,3	BMF 235K-NS-C-2A-PU-02
NC	Ordering code	BMF00C3	BMF00AW
	Part number	BMF 235K-NO-C-2A-SA2-S49-00,3	BMF 235K-NO-C-2A-PU-02
Supply voltage U_B	10...30 V DC		10...30 V DC
Ambient temperature range T_a	-25...+85 °C		-25...+85 °C
Degree of protection per IEC 60529	IP 67		IP 67
Housing material	Plastic		Plastic
Wiring	0.3 m cable PUR with M8 connector, 3-pin		2 m cable PUR, 3x0.14 mm ²
Approval	CE, cULus		CE, cULus
Installation	Can be installed from above		Can be installed from above
Cylinder profile	 T-slot		 T-slot



Series	V-Twin		V-Twin
Size	M8		M12
PNP NO	Ordering code	BMF00CA	BMF00C9
	Part number	BMF 235K-PS-C-2A-SA95-S75-00,3	BMF 235K-PS-C-2A-SA95-S4-00,3

Other plug and cable variants are available in addition to V-Twin models.
For information, visit our website at www.balluff.com/bmf

For other pneumatic cylinder sensors, please request a copy of our overview brochure "BMF Sensors for Pneumatic Cylinders".

