

ELECTRONIC MAGNETIC SENSORS Type D04, D06, M05



Type		D04	D06	D06	M05
Enclosure material		Stainless steel 1.4401	Stainless steel 1.4401	Stainless steel 1.4401	CuZn39Pb3
Operating mode		MR	Hall	MR	MR
Magnetic sensitivity (mT)		3 mT	10 mT	1.5 mT	3 mT
Sensing distance (Sn)		30 mm	17 mm	45 mm	30 mm
Reference magnet (Side)		T-62 N/S	T-62 N/S	T-62 N/S	T-62 N/S
Type of connection		Cable 2 m	Cable 2 m	Cable 2 m	Cable 2 m
Special feature					
PNP	NO contact	6373299132		6373270105	6373299133
		MEN-D04PS/M03-K2		MEN-D06PS/M02-K2	MEM-M05PS/M03-K2
NPN	NO contact		6362670001		
			MEN-D06NS/H10-K2		
NPN	bistable		6363870032		
			MEN-D06NB/H11-K2		
Technical data					
Rated operating voltage range	U _B	4.5–30 VDC	4.5–24 VDC	10–30 VDC	4.5–30 VDC
Rated operating current	I _e	200 mA	25 mA	200 mA	200 mA
Max. switching voltage	F	10 kHz	20 kHz	1500 Hz	10 kHz
Function/operating voltage indicator		–/–	–/–	–/–	–/–
Sensitivity adjustable					
Short circuit-protection		Current limiter	Current limiter	cyclic	Current limiter
Mechanical data					
Ambient temperature (min/max)		–20°C/+70°C	–25°C/+70°C	–25°C/+70°C	–20°C/+70°C
Protection class in accordance with IEC 529, EN 60529		IP67	IP67	IP67	IP67
Connection		3 x 0.14 mm ²	3 x 0.14 mm ²	3 x 0.14 mm ²	3 x 0.14 mm ²

