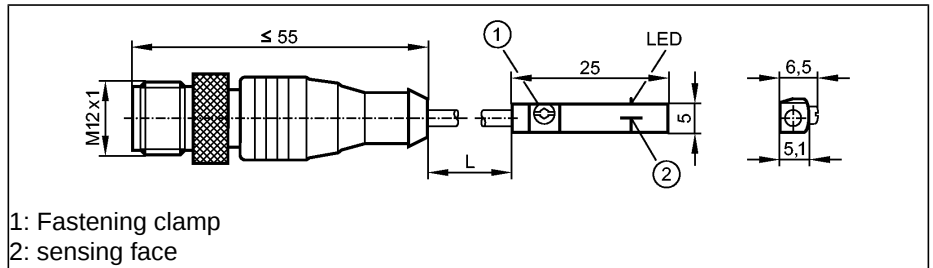


Magnetic sensors, cylinder sensors

**MK5107**

MKT3028BBPKG/G/0.3M/ZH/US  
 cylinder sensor with GMR cell  
 Plastic housing for profile cylinder,  
 T-slot mounting  
 Cable with connector  
 flush mountable  
 Magnetic sensitivity 2.8 mT  
 Travel speed > 10 m/s



1: Fastening clamp  
 2: sensing face

Made in Germany



Electrical design	DC PNP normally open
<b>Output</b>	
Operating voltage [V]	10...30 DC
Current rating [mA]	100
Short-circuit protection	yes
Reverse polarity protection	yes
Overload protection	yes
Voltage drop [V]	< 2.5
Current consumption [mA]	< 10
Hysteresis	< 1.5 [mm]
Repeatability	< 0.2 [mm]
Power-on delay time [ms]	< 30
Switching frequency [Hz]	> 10000
Ambient temperature [°C]	-25...85
Protection	IP 67, III
EMC	EN 61000-4-2 ESD: - CD / 8 kV AD EN 61000-4-3 HF radiated: 10 V/m (80...2000 MHz) EN 61000-4-4 Burst: 2 kV EN 61000-4-6 HF conducted: 10 V (0.15...80 MHz) EN 55011: class B
Housing materials	housing: PA (polyamide); Fastening clamp: stainless steel
Function display	
Switching status LED	yellow
Connection	PUR cable / 0.3 m; with M12 connector, with turnable coupling ring
Weight [kg]	0.021
Remarks	cULus - Class 2 source required Clamping screw with combined slot/hexagon socket head AF 1.5
Accessories (included)	rubber placeholder, cable clip

**Wiring**

