

Clamping cylinder

Sensor switch—DS1-69AM Series



Specification

Item\Type	DS1-69AM
Switch logic	Transistor without contact, normally opened type
Sensor type	Transistor, two-line, nonpolarity
Operating voltage (V)	10~30V/DC
Max. Switching current	100mA Max.
Switching Rating (W)	3W Max.
Anti-magnetic current	AC 17000A
Voltage drop	4.8V Max. @100mA DC
Leakage current	0.6mA Max. @30V DC
Min. working current	3mA Min.
Indicator	Stable range:Green LED ; Non-table range:Red LED
Cable	Φ5.3/0.5SQ × 2C × 3m/oil resistant, Flame retarded, flection/gravy PVC
Sensitivity	30~40 Gauss
Max. Frequency	8Hz
Temperature range	-10~70°C
Shock	50m/s ²
Vibration	9m/s ²
Protection	IP 67(EN60529)
Protection circuit	Transistor without contact, surge suppression
Fire retardant grade	UL94-V0

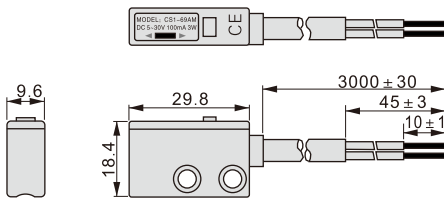
Feature

DS1-69AM series are anti-magnetic sensor switch, which are for AC magnetic environment.

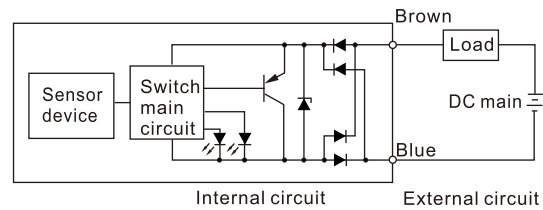
Ordering code

DS1-69AM	
①	②
① Number of sensor switch	② Code
	69AM: Anti-magnetic sensor switch (AC resistant welder)

Dimensions



Wiring diagram



Mounting

In powerful magnetic field, sensor switch for high-magnet shall be matched, and the anti-magnetic bracket (F-MCK40H for MCK series or F-AQK50H for AQK50 Series) must be ordered separately, the ordering code, dimensions and the mounting method are below:

Ordering code	Dimensions	Mounting
F-MCK40H (For MCK Series)		
F-AQK50H (For AQK50 Series)		

Indicator action illustration

