

SMA – Magnetic safety switches



SMA 01xx



Applications

- Machine and plant manufacturing
- Packing machines
- Wood-processing machines

Features

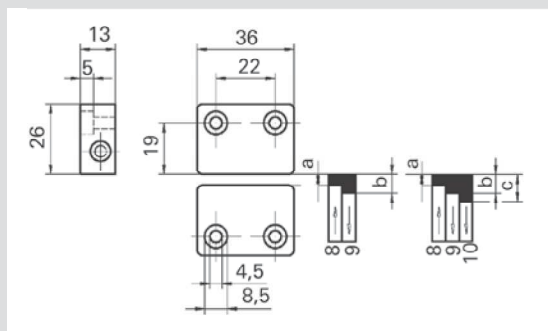
- Block-shaped design
- For harsh operating conditions
- Tamper proof
- Can be used up to PL e/Category 4 (EN ISO 13849-1)
- Degree of Protection IP67

Technical data

Set	SMA 011x	SMA 012x
Dimensions / mm (L x W x H)	36 x 26 x 13 mm	
Actuating distance / (Sao / Sar)	8 / 17 mm	
Directions of actuation	Front - Front / Front - Side / Side - Side	
Protection degree	IP67	
Contact type	Reed	
Contact assignment	NC / NO	NO / NO
Switching voltage	48 V DC	
Switching current	0.2 A	
Maximum cable length	20 m	

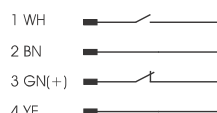
Dimension diagram

SMA 011x / SMA 012x

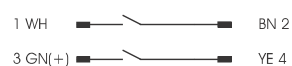


Circuit diagram

SMA 011x



SMA 012x



Contacts are shown in non-operated state
(magnet is out of actuating distance Sar)