

Product



No. 1 Position

Two switching points can be programmed contact-free within 15 seconds

Features

Unique selling points C-slot sensor for two positions and integrated electronics:

- ✓ Programmable switching points

Further Features:

- ✓ Non-contact programming via "magnetic teach tool MT-MMS 22-PI"
- ✓ Decentral programming via optional "connector teach tool ST-MMS 22-PI2" at any place with good accessibility
- ✓ Hysteresis programming for exact switching points
- ✓ Available as of October 2011
- ✓ The prices are the same as for MMS-P 22

Market and Competitors

Main competitor in the field of C-slot sensors for one position

- ✓ Festo
- ✓ SMC
- ✓ Balluff
- ✓ Sick

Advantages towards competition:

- ✓ Two programmable switching points
- ✓ Programmable switch-off point
- ✓ Integrated electronics
- ✓ Programmable via cable

Economy/Customer Benefits

Customer Benefits:

- ✓ Small projections of the sensors due to the teachable switching points. No separate recesses in the adapter plates are required.
- ✓ One magnetic switch for almost every actuator
- ✓ One sensor for both end positions
- ✓ Standardized magnetic switches
- ✓ Due to the programmable hysteresis, positions, and therefore processes, different work-pieces etc. can be better evaluated.
⇒ Controllable and adjustable.
- ✓ Adjustment of the sensor has been greatly simplified due to the programmability.

Questions about the product? Your Contact Person of the Product Management Automation is M. Nagel (+49 - 7133 - 103 - 2561)

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Technical Data/Functions

Basic technical Data:

- ✓ Size: Diameter 4 mm, length 22 mm

Variants: with plug, open cable end, as well as PNP and NPN switching. With lateral cable outlet

Complementary products:

- ✓ For every actuator, where the MMS-P 22 has been used before

Industries and Applications

The MMS 22-PI2 particularly convinces in the following industries

Where the MMS 22 convinced in the past

- ✓ Handling and assembly technology
- ✓ Electrical industry
- ✓ Pharmaceutical industry
- ✓ Handling of small components

Applications

- ✓ Assembly of servor controllers
- ✓ Handling of small components
- ✓ Production of THT products
- ✓ Assembly of syringes
- ✓ Pick&Place of packed lipsticks
- ✓ Automated sorting of loose components

Additional Information

- ✓ The MMS 22-PI2 is the new SCHUNK Premium Product in the field of magnetic switches for two position monitoring
- ✓ Why using several magnetic switches, if one programmable one could be used for every application.
- ✓ A cable-based teaching tool, which is used on option as an intermediate adapter, remains in the feed line. It can be also plugged in for teaching purposes, and avoids the disadvantages of a switch which is integrated in the sensor housing (tightness, size and manipulability), without increasing the costs of the system, since the teaching process is controlled via a voltage input (no additional wire). Therefore separate cable ducts are no more required.
On the market:
 - Switch at the sensor (Balluff)
 - Switch in the cable (SICK MMS-P)
 - Expensive auxiliary equipment (FPS, IO Link-Master)

Anwendungsbild



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