

Product



No. 1 Position

Programmable C-slot sensor in a robust stainless steel housing

Features

Unique selling points C-slot sensor for two positions, integrated electronics and stainless steel housing:

- ✓ Programmable switching points
- ✓ Robust and resistant stainless steel housing

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
- ✓ "cable tension relief" at the sensor, supplied with CLI – CLIP for fixing the connecting plug
- ✓ Available as of December 2011
- ✓ Price: slightly higher than basic version

Market and Competitors

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

- ✓ Festo
- ✓ SMC
- ✓ Balluff
- ✓ SICK

Advantages towards competition:

- ✓ Two programmable switching points
- ✓ Programmable hystereses
- ✓ Integrated electronics
- ✓ Tension relief at the plug and sensor
- ✓ Special cable with high-alloy finely stranded cable
- ✓ Robust metal housing
- ✓ Safe fastening
- ✓ Small projection
- ✓ Incl. plug retainer

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
- ✓ C-slot switch for high duty applications.

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:

- ✓ Sizes: diameter 4 mm, length 22 mm
- ✓ Variants: plug and cable variants
- ✓ Programmable for one or two switching points (PI1-HD / PI2-HD)

Complementary Products:

- ✓ For every actuator, where the MMS-P 22 has been used before
- ✓ CLI – CLIP for fixing the connecting plug. Avoids cable break

Industries and Applications

The MMS 22-PI-HD particularly convinces in the following industries

Where the MMS 22 convinced in the past

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

Applications

- ✓ Handling of small components
- ✓ For loading and unloading machine tools
- ✓ Assembly of syringes
- ✓ Automated sorting of loose components

Additional Information

- ✓ The MMS 22-PI2-HD is the new HIGH DUTY SCHUNK Premium Product in the field of magnetic switches for two position monitoring
- ✓ HD versions for all previous problem cases or resistances, cable break
- ✓ Larger clamping threads made of stainless steel for higher clamping forces in the C-slot
- ✓ Optimized cable in terms of alloys, cable wires and cable lay
- ✓ Why using different magnetic switches, if one programmable one can cover all applications

Photo of an Application



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