

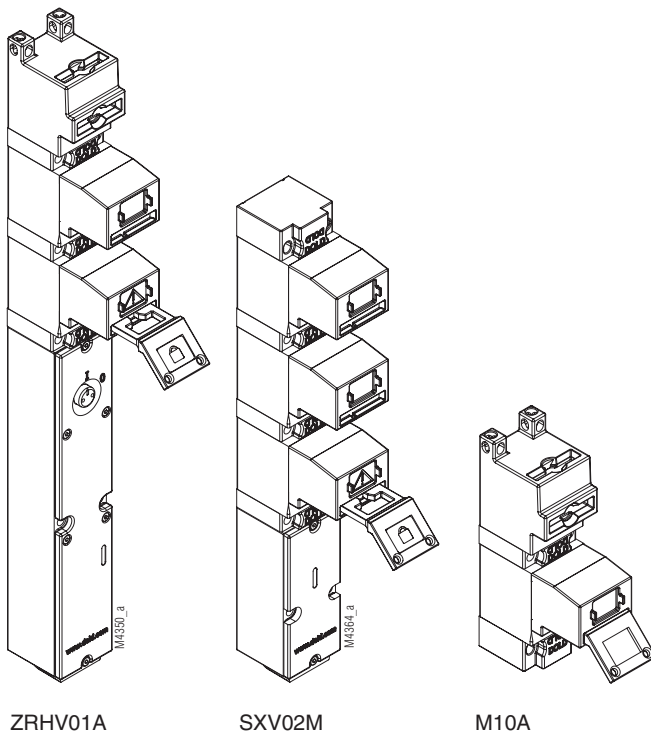
STS-System Benefits

- EU-Test certificate according to the directive 2006/42/EG, annex IX
- For safety applications up to PLe/Category 4 according to EN/ISO 13849-1
- Modular and expandable system
- Wireless mechanical safeguarding
- Rugged stainless steel design
- Combines the benefits of safety switch, locking module and key transfer in a single system
- Easy installation through comprehensive accessories
- Protection against lock-in
- Coding level low, medium, high according to DIN EN ISO 14119:2014-03

Features

- For assembly and installation of the STS units
- Choice of direction in 4 increments of 90°
- Simple assembly by plugging and turning

Installation Examples



Approval marking



Application

End module M

End module M can be used to terminate functional units, e. g. M10BM. It offers several mounting options.

Bayonet ring

The bayonet ring is used to combine individual modules into a functional unit (e. g. M12A). Its design allows for several mounting versions. The bayonet principle ensures the easy and simple installation or dismantling of units. Being able to rotate the bayonet rings in 90° increments allows installation according to the conditions.

Design and Operation

End module M

The end module M absorbs forces acting on the mechanical module and transfers them to its mounting. The connection between the mechanical modules is not rigid, but rather features a certain play. Therefore the SAFEMASTER STS units can also be mounted on uneven surfaces.

Bayonet ring

The bayonet ring absorbs the forces acting between the modules and transfers them to its mounting. Again, the connection between the modules is not rigid here but exhibits a certain amount of play allowing to mount the SAFEMASTER STS units also on uneven surfaces.

Technical Data

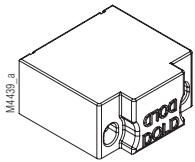
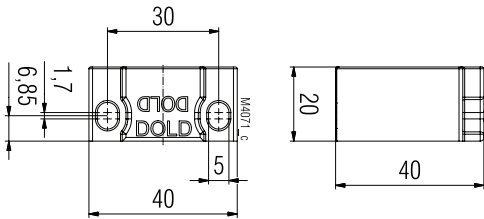
Enclosure: Stainless steel V4A / AISI 316L
Application: Installation parts to connect or as end module of the SAFEMASTER STS modules. They are also used, at the same time, to fasten the complete functional unit.

Ordering Designation

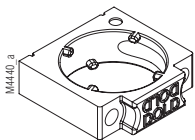
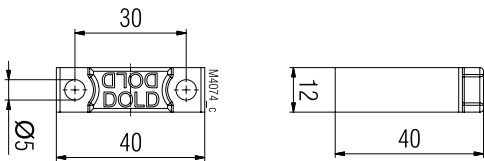
End module M
Article number: 0060987

Bayonet ring
Article number: 0060988

Dimensional drawings [mm]



End module



Bayonet ring