

Business Unit Automation/ Modular Robotics

Extremely compact Swivel Unit

The electric swivel unit STM 135 from SCHUNK is just 63 mm high. Despite its low height, it achieves a high torque between 2.5 and 7.1 Nm. An integrated pneumatic holding brake is also available, and makes sure that individual positions are reliably maintained.

Presently, the STM 135 is the most compact electric swivel unit with holding brake on the market. With its optimal size and a proportionally high performance, it allows the design of very compact assemblies. Since any user-defined intermediate position can be achieved, it is particularly suitable for applications where high flexibility is required. At the same time, the unit can be turned continually, which enlarges the spectrum of possible applications. The control system of the STM gives the user more flexibility and presents many options. Beside a 560 V DC version for standard control units from Bosch or Siemens, the swivel unit can be also equipped with a 48 V DC SCHUNK Motion-Controller MCS12, making speeds of 600 or 300 rpm possible. For achieving a compact and neat machine design, the STM 135 is equipped with a center bore for cable feed through.

Number of characters incl. space characters: 1.155

Cutlines:

STM	STM 135 is the most compact electric swivel unit with holding brake on the market.	
-----	--	---

Contact Persons:

Matthias Poguntke, MBA, Dipl.-Ing. (FH)
Head of Product Management, Industry Management
and Product Marketing Automation

Tel. +49-7133-103-2341
 Fax +49-7133-103-942341
matthias.poguntke@de.schunk.com
www.schunk.com

Nicole Pluskota, Technische Diplom-Kauffrau
Head of Marketing

Tel. +49-7133-103-2351
 Fax +49-7133-103-2688
nicole.pluskota@de.schunk.com
www.schunk.com