



### Limit switch for AS-Interface ASI\_EKU1-KR

Category:	Limit switches for AS-Interface
Series:	EKU
Degree of protection:	IP65
Contact equipment:	1 NC + 1 NO
Connection type:	M12 connector
Slave profile:	S-B.A.E
Safety@Work:	no
Operating force at the plunger:	10 N
Specification:	V 2.11, Rev. 1
Contact system:	slow action contact
Actuator type:	roller plunger

#### Legend

#### Technical data of limit switches for AS-Interface application

##### Communication

- AS-Interface specification: V2.11, Rev. 1
- Slave profile: S-B.A.E
- Connection: 4-pole sensor connector M12x1, contact 1 is assigned to ASI+ and contact 3 to ASI-
- Max. network length: 100m (without repeater)
- Max. cycle time: 10ms (62 A/B slaves)

##### Ambient Conditions

- Transport-, storage- and Operating temperature: -25°C ... +55°C

##### Mechanical Data

- Operating travel: 6mm

##### Electrical Data

- Voltage supply: 26.5...31.6 V, through the AS-Interface line
- Total power consumption: ≤ 30 mA
- Reverse polarity protection: available

Admissible on-load switching  
cycles: 1200/h  
Mechanical life: 10 mill.  
switching cycles  
Operating force on plunger  
10 N  
Actuators: exchangeable  
and rotatable by 90°  
Degree of protection acc. to  
DIN 40050: IP65  
Construction: compliant to  
VDE 0660/200  
Ambient conditions  
stationary use at weatherproof  
locations  
acc. to DIN IEC 721-3-3 3  
D6/3Z2/3Z10/3B2/3C2/3S  
3/3M6