



America

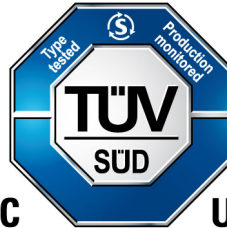
# CERTIFICATE

No. U8V 022705 0012 Rev. 00

**Holder of Certificate:** **RSF Elektronik Ges.m.b.H.**

Tarsdorf 93  
5121 Tarsdorf  
AUSTRIA

**Certification Mark:**



**Product:**

**Electronic measuring equipment  
(Length and Angle Measuring Devices)**

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited Certification body.

**Test report no.:** 713227480

**Date,** 2021-10-06

( Ralph Fischer )



America

# CERTIFICATE

No. U8V 022705 0012 Rev. 00

## Model(s):

AK MC xy; AK MCS xy; AK MCR xy; AK MS xy;  
AK MSR xy; AK MSS xy

„x“ can be „1, 2, 3 or 4“ and defines series and type  
„y“ can be “0 to 9” and defines position of mechanical  
mounting points

Model designation can be followed by any combination of  
letter, number or character to define interface type, switch  
signals, adjustment, home pulse, scanning unit (all are non-  
safety critical designs).

## Tested according to:

UL 61010-1:2012/R:2018-11  
CAN/CSA-C22.2 No. 61010-1:2012/A1:2018-11

## Parameters:

Rated Voltage	Max. 14 V <sub>dc</sub> (Limited Voltage, Limited Energy)
Rated Power	Max. 250 mA
Protection Class	III

## Remarks:

- When installing requirements of test standards and installation guide must be fulfilled.
- If heated up by end-use system and a hazard can occur: Heating test shall be conducted at end-use.
- Max. operating temperature: +70°C, depending on model.
- If equipment is accessible: mechanical enclosure test shall be conducted at end-use.
- Identification shall be marked on equipment; ratings shall be included in documentation.
- All supplies and connected circuits shall fulfil requirements of “Low Voltage, Limited Energy” or “Class 2 power”.