

## Setpoint adjuster - EMG 30-SPK-10K LIN - 2942137


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Cascading setpoint value potentiometer, for selecting presettable setpoints via a 24 V control signal, resistance value 10 k $\Omega$



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 017918 080624
GTIN	4017918080624
Weight per Piece (excluding packing)	70.130 g
Custom tariff number	85334010
Country of origin	Germany

### Technical data

#### Dimensions

Width	30 mm
Height	75 mm
Depth	68 mm

#### Ambient conditions

Ambient temperature (operation)	0 °C ... 40 °C
---------------------------------	----------------

#### Input data

Potentiometer	10 k $\Omega$
Resistance tolerance	$\pm$ 20 %
Potentiometer, current-carrying capacity	0.5 W

# Setpoint adjuster - EMG 30-SPK-10K LIN - 2942137

## Technical data

### Input data

Nominal input voltage $U_N$	24 V $\pm$ 25 %
Typical response time	< 10 ms
Typical release time	< 10 ms
Protective circuit/component	Damping diode, polarity protection diode
Operating voltage display	yes

### Output data

Contact material	Fixed contacts: Silver palladium (AgPdAu), 3 $\mu$ m hard gold-plated Mobile contacts: Silver palladium (AgPd)
Maximum switching voltage	10 V (depending on application)
Mechanical service life	> 2x 10 <sup>7</sup> cycles

### General

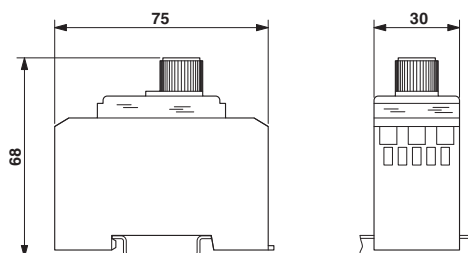
Test voltage relay winding/relay contact	1 kV AC
Mounting position	any
Housing material	Polycarbonate fiber reinforced PC-F
Color	green

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Dimensional drawing



## Classifications

eCl@ss

eCl@ss 10.0.1	27371227
eCl@ss 11.0	27371227

# Setpoint adjuster - EMG 30-SPK-10K LIN - 2942137

## Classifications

### eCl@ss

eCl@ss 4.0	27271100
eCl@ss 4.1	27200300
eCl@ss 5.0	27371200
eCl@ss 5.1	27200300
eCl@ss 6.0	27371200
eCl@ss 7.0	27371227
eCl@ss 9.0	27371227

### ETIM

ETIM 4.0	EC001027
ETIM 6.0	EC001027
ETIM 7.0	EC001027

### UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	41113633
UNSPSC 18.0	41113633
UNSPSC 19.0	41113633
UNSPSC 20.0	41113633
UNSPSC 21.0	41113633

## Approvals

### Approvals

---

Approvals

EAC

---

Ex Approvals

---

### Approval details

## Setpoint adjuster - EMG 30-SPK-10K LIN - 2942137

### Approvals

EAC



RU C-  
DE.A\*30.B.01082