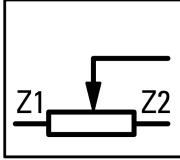




**Part no.**  
**Article no.**  
**Catalog No.**

**M30C-FR100K-BLANK**  
**187044**  
**M30I-FR100K-BLANK**

## Delivery program

Basic function			Potentiometer
Single unit/Complete unit			Single unit
Description			3 individual screw terminals Accuracy of resistance value: ± 10% (linear) Without scale/inscription
Contact sequence			
Impedance	R	kΩ	100
Rated power	P	W	0.5
Degree of Protection			IP65
Front ring			Metal bezel
Connection to SmartWire-DT			no

## Technical data

### General

Standards			IEC/EN 60947 VDE 0660
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature			
Open		°C	-25 - +70
Mounting position			As required
Mechanical shock resistance		g	not planned
Terminal capacities		mm <sup>2</sup>	
Solid		mm <sup>2</sup>	0.5 - 1.5
Stranded		mm <sup>2</sup>	0.5 - 1.5
Tightening torque for terminal screw		Nm	0.5

### Contacts

Rated impulse withstand voltage	$U_{imp}$	V AC	4000
Rated insulation voltage	$U_i$	V	250
Overvoltage category/pollution degree			III/3

## Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

## Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Potentiometer for control circuit devices (EC001027)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Potentiometer for command devices (ecl@ss8.1-27-37-12-27 [AKF045011])			
Resistance		Ohm	100000
Power consumption		W	0.5
Hole diameter		mm	30
Degree of protection (IP)			IP66

## Dimensions

