

Potentiometer, flat front, M30, 30.5 mm, R 1000 k $\Omega$ , P 0.5 W, Front ring stainless steel

Part no. **M30I-FR1M**  
**188116**

<b>General specifications</b>		
Product name		Eaton Moeller® series M30 Potentiometer
Part no.		M30I-FR1M
EAN		4015081857944
Product Length/Depth		36 millimetre
Product height		63 millimetre
Product width		46 millimetre
Product weight		0.055 kilogram
Certifications		VDE 0660 IEC/EN 60947
Product Tradename		M30
Product Type		Potentiometer
Product Sub Type		None
<b>Features &amp; Functions</b>		
Bezel color		Stainless steel
Design		Flat front
Electric connection type		Screw connection
Fitted with:		3 individual screw terminals
<b>General information</b>		
Accuracy		± 10 % (linear), Resistance value
Degree of protection		IP66 NEMA Other
Lifespan, mechanical		25,000 Operations
Opening diameter		30 mm
Overvoltage category		III
Pollution degree		3
Rated impulse withstand voltage (Uimp)		4000 V AC
Type		Potentiometer
<b>Ambient conditions, mechanical</b>		
Mounting position		As required
Shock resistance		Not planned
<b>Climatic environmental conditions</b>		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>Terminal capacities</b>		
Terminal capacity (solid)		0.5 - 1.5 mm <sup>2</sup>
Terminal capacity (stranded)		0.5 - 1.5 mm <sup>2</sup>
Tightening torque		0.5 Nm, Screw terminals
<b>Electrical rating</b>		
Power consumption		0.5 W
Rated insulation voltage (Ui)		250 V
Rated power		0.5 V·A
Resistance		1000000 Ohm
<b>Communication</b>		
Connection to SmartWire-DT		No

## Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Potentiometer for command devices (EC001027)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Potentiometer for command devices (ec1@ss13-27-37-12-27 [AKF045019])			
Resistance		Ohm	1000000
Power consumption		W	0.5
Hole diameter		mm	30
Number of revolutions			1 - 1
Type of electric connection			Screw connection
Degree of protection (IP)			IP66
Degree of protection (NEMA)			Other