DATASHEET - M22-SWD-INC

Function element, Encoder, Front fixing

Part no. **M22-SWD-INC**
179982

General specifications	
Product name	Eaton Moeller® series M22 Function element
Part no.	M22-SWD-INC
EAN	4015081750993
Product Length/Depth	42 millimetre
Product height	42 millimetre
Product width	12.5 millimetre
Product weight	0.009 kilogram
Certifications	CSA CSA File No.: 2324643 UL File No.: E29184 IEC/EN 61131-2 UL CSA Class No.: 3211-07 UL Category Control No.: NKCR
Product Tradename	M22
Product Type	Function element
Product Sub Type	None
Catalog Notes	Function element SmartWire-DT encoder
General information	
Accessory/spare part type	Other
Degree of protection	IP20
Overvoltage category	Not applicable
Pollution degree	2
Ambient conditions, mechanical	
Constant acceleration	1 g, 8.4 - 150 Hz, according to IEC/EN 61131-2, Vibrations
Constant amplitude	3,5 mm, 5 - 8.4 Hz, according to IEC/EN 61131-2, Vibrations
Drop and topple	50 mm Drop height, Drop to IEC/EN 60068-2-31
Height of fall (IEC/EN 60068-2-32) - max	0.3 m
Mounting position	As required
Shock resistance	15 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 11 ms, 9 Impacts
Climatic environmental conditions	
Ambient operating temperature - min	-30 °C
Ambient operating temperature - max	70 °C
Environmental conditions	Condensation: prevent with appropriate measures
Relative humidity	9 - 95 % (non-condensing, IEC/EN 60068-2-30)
Electro magnetic compatibility	
Air discharge	8 kV, according to IEC 61131-2, level 3, ESD
Burst impulse	1 kV, SmartWire-DT cable, according to IEC/EN 61131-2, Level 3
Contact discharge	4 kV, according to IEC/EN 61131-2, Level 2, ESD
Electromagnetic fields	10 V/m at 80 - 1000 MHz (according to IEC/EN 61131-2:2008)
Radio interference class	Class A (EN 55011)
Communication	
Connection	SmartWire-DT plug connector SWD4-8SF2-5
Connection to SmartWire-DT	Yes
Connection type	SWD: Plug, 8-pole Front fixing
LED indicator	Status indication of SmartWire-DT network: Green LED
Station	SmartWire-DT slave, SmartWire-DT network

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Accessories/spare parts for low-voltage switch technology (EC002498)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switching technology (accessories) (ecl@ss13-27-37-13-92 [AKN570018])

Type of accessory/spare part		Other
Accessory		
Spare part		

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