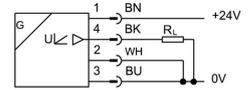


Position transmitter SMAT-8M-U-E-0,3-M8D

Part number: 553744

FESTO



Data sheet

Feature	Value
Measured variable	Position
Measuring principle	Magnetic Hall
Sensing range	≤52000 μm
Ambient temperature	-40 °C ... 80 °C
Typical sampling interval	2 ms
Displacement resolution	≤0.02 mm
Repetition accuracy	0.2 mm
Typical linearity error in ± mm	±1 mm
Residual ripple	10 %
Idle current	<12 mA
Connection outlet orientation	Longitudinal
Material of pin contacts	Copper alloy, gold-plated
Connector cable test conditions	Flexural strength: as per Festo standard Cable chain: 5 million cycles, bending radius 28 mm Torsional resistance: > 300 000 cycles, ±270°/0.1 m
Color cable sheath	Gray
Mounting position	Any
Product weight	9.5 g
Housing material	PA-reinforced High-alloy stainless steel
Material of union nut	Brass, nickel-plated
Ambient temperature with flexible cable installation	-20 °C ... 70 °C