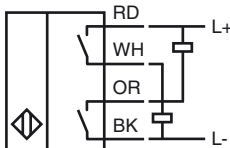


**Model Number**

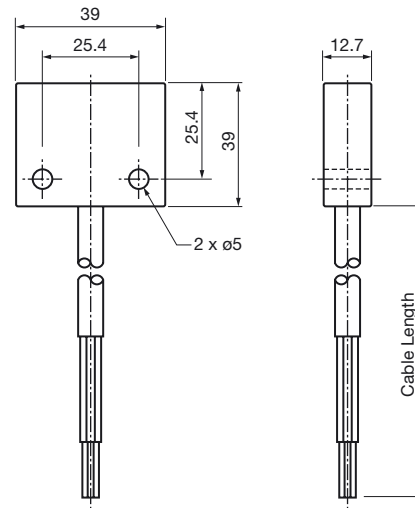
50FY41-12

Features

- Hall Effect Sensor
- Sensing range 2.5 mm
- 4-wire DC

Connection**Accessories**

52FY31

Dimensions**Technical Data****General specifications**

Switching element function	NPN & PNP, NO
Rated operating distance	s_n 2.5 mm @ 0 mm offset, 1.3 mm @ 4.4 mm offset, 0 mm @ 7.5 mm offset
Installation	not embeddable
Output polarity	DC

Nominal ratings

Operating voltage	U_B	10 ... 12 V
Short-circuit protection		NO
Voltage drop	U_d	7 V @ 10 K load, 12 V supply
Operating current	I_L	0.5 mA
No-load supply current	I_0	20 mA

Standard conformity

Standards	EN 60947-5-2
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Ambient conditions

Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
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Mechanical specifications

Connection type	cable PVC , 4 m
Core cross-section	0.34 mm ²
Housing material	Polysulphone
Sensing face	Polysulphone
Protection degree	IP67
Note	UL approved for use with FYQLA1-140R-3