



B50

Interruttori di prossimità induttivi con uscita analogica Inductive proximity switches with analog output



Caratteristiche generali / General features

Norma / standard	EN60947-5-7
Omologazione / Approval	CE
Grado di protezione / IP rating	IP67
Temperatura di lavoro / Working temperature	0 °C ÷ +55°C
Protezione al corto circuito / DC short-circuit protection	No
Protezione all'inversione di polarità / Polarity reversal protection	No

Caratteristiche / Features

Uscita analogica / Analog output	0 ÷ 3 V	0 ÷ 10 V	0 ÷ 10 mA	0 ÷ 16 mA	4 ÷ 20 mA
Tensione di alimentazione/Power supply / Power supply	12 ÷ 24 Vcc / Vdc	17 ÷ 28 Vcc / Vdc	17 ÷ 28 Vcc / Vdc	24 Vcc / Vdc	24 Vcc / Vdc
Ondulazione residua / Ripple	≤ 10%				
Carico / Load	10 ÷ 100 kΩ	> 100 kΩ	≤ 1 kΩ	≤ 1 kΩ	≤ 430 Ω
Assorbimento / Power consumption	≤ 15 mA				40 mA @ 24 Vcc / Vdc (1)
Ripetibilità / Repeatability	≤ 0,02 mm				
Custodia / housing	Ottone nichelato / Nickel-plated brass				

(1) Solo per B50QE8060A420 / B50QE8060A420 only

Riferimenti con cavo L = 2 m / References with cable L = 2 m

Tipologia Type		Dimensioni Dimensions	Campo di variazione Working range (mm)	0 ÷ 3 V	0 ÷ 10 V	0 ÷ 10 mA	4 ÷ 20 mA 0 ÷ 16 mA
M12	•	A1	0,2 ÷ 2	-	B50G122V010	B50G122A010	-
M12	•	A2	0,2 ÷ 4	-	B50EG124V010	B50EG124A010	-
M18	•	B2	0 ÷ 5	-	B50G184V010	B50G184A010	-
M18	•	B4	0 ÷ 7	B50EN187V03	-	-	-
M18	•	B5	0 ÷ 8	-	B50EG189V010	B50EG189A010	-
M18	•	B5	0 ÷ 9	-	-	-	B50EG188A420
M30	•	C7	0 ÷ 10	-	-	-	B50G3010A420
M30	•	C8	0 ÷ 15	-	B50EG3015V010	B50EG3015A010	-
80 x 80 mm	•	P1	0 ÷ 60	-	-	-	B50QE8060A420

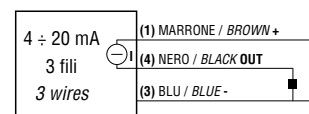
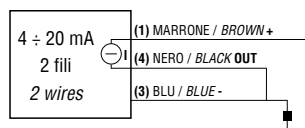
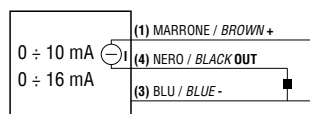
Riferimenti con uscita connettore M12 / References with M12 connector

Tipologia Type		Dimensioni Dimensions	Campo di variazione Working range (mm)	0 ÷ 3 V	0 ÷ 10 V	0 ÷ 10 mA	4 ÷ 20 mA 0 ÷ 16 mA
M12	•	A3	0,2 ÷ 2	-	B50122V010C5	B50122A010C5	-
M12	•	A4	0,2 ÷ 4	-	B50E124V010C5	B50E124A010C5	-
M18	•	B3	0 ÷ 5	-	B50184V010C5	B50184A010C5	-
M18	•	B6	0 ÷ 7	B50E187V03C5	-	-	-
M18	•	B6	0 ÷ 8	-	B50E189V010C5	B50E189A010C5	-
M18	•	B6	0 ÷ 9	-	-	-	B50E188A420C5
M30	•	B9	0 ÷ 10	-	B503010V010C5	B503010A010C5	B503010A420C5
M30	•	B10	0 ÷ 15	-	B50E3015V010C5	B50E3015A010C5	-
80 x 80 mm	•	P2	0 ÷ 60	-	-	B50QE8060V010C5	B50QE8060A420C5

(2) Stesso prodotto: con collegamento a 3 fili li uscita 0 ÷ 16 mA / con collegamento a 2 fili uscita 4 ÷ 20 mA / Same product: 3 wire connection 0 ÷ 16 mA output / 2 wire connection 4 ÷ 20 mA output

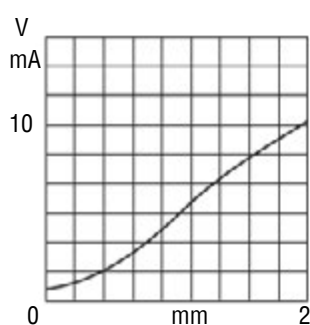


Collegamenti / Wiring

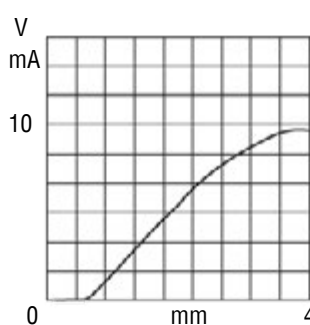


Curve d'uscita / Output curves

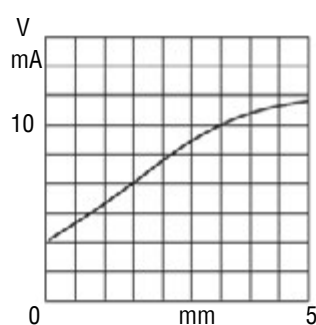
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B50122V010C5
B50122A010C5



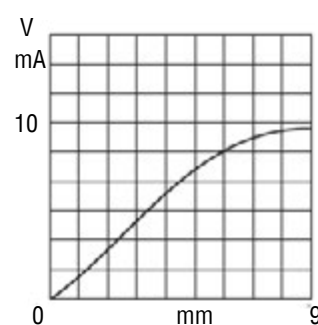
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B50E124A010C5



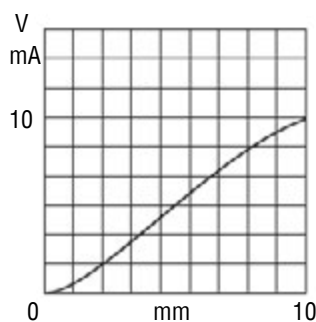
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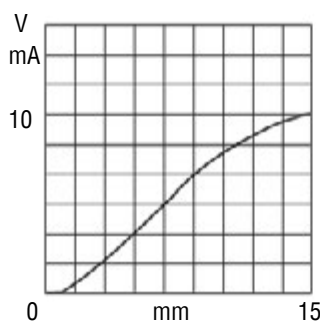
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B50E189A010C5



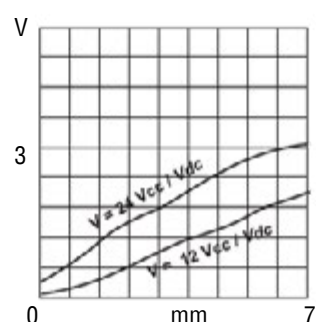
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B50G3010A010
B503010V010C5
B503010A010C5



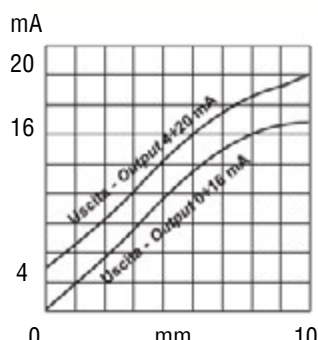
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B50EG3015A010
B50E3015V010C5
B50E3015A010C5



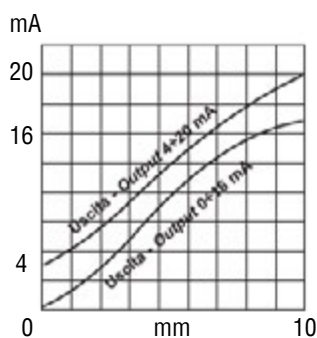
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B50187V03C5



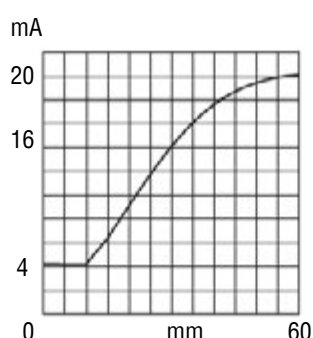
B50EG3010A420
B50E3015A420C5



B50EG188A420
B50E188A420C5



B50QE8060A420



(2) Stesso prodotto: con collegamento a 3 fili li uscita 0 ÷ 16 mA / con collegamento a 2 fili uscita 4 ÷ 20 mA / Same product: 3 wire connection 0 ÷ 16 mA output / 2 wire connection 4 ÷ 20 mA output

