

Collegamenti elettrici


BP1: 1 ingresso cavi per pressacavi PG 13.5

BP2: 1 ingresso cavi per pressacavi 1/2" NPT


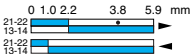

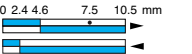

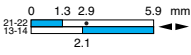
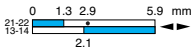
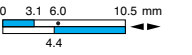

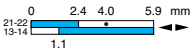
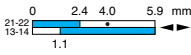
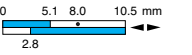

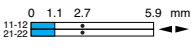
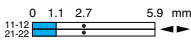
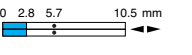



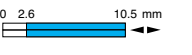


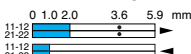
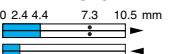

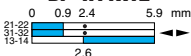
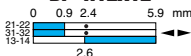
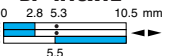

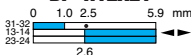
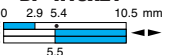

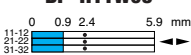
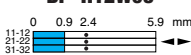
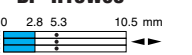

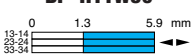

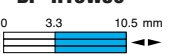
BP5: 1 ingresso cavi per pressacavi M20 x 1,5



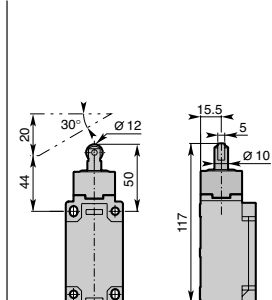
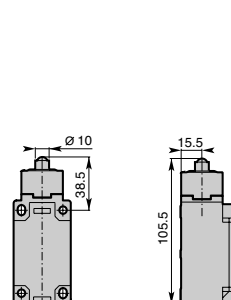
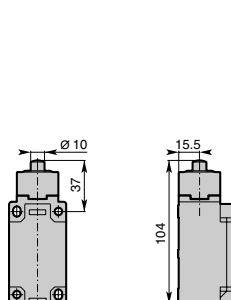
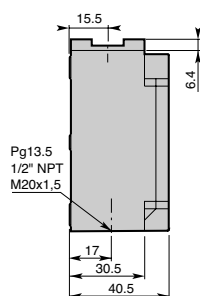
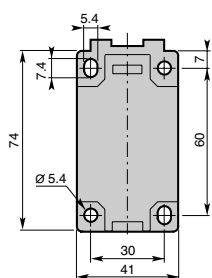
Tipo di testina

	H11 - Pistoncino semplice	H12 - Pistoncino con sfera	H13 - Pistoncino con rotella
Conforme /  (contatti NC ad apertura positiva)	EN 50041	EN 50041	EN 50041
Velocità max di azionamento [m/s]	0,5	0,5	0,5
Forza [N] o coppia [Nm] min.: di azionamento/per apertura positiva	14 / 40	14 / 40	14 / 40

Dati tecnici aggiuntivi

Z11 contatti a scatto (1NA + 1NC)		Codice Diagramma di funzionamento	BP•H11Z11 	BP•H12Z11 	BP•H13Z11 
X11 contatti non sovrapposti ad azione lenta (1NA + 1NC)		Codice Diagramma di funzionamento	BP•H11X11 	BP•H12X11 	BP•H13X11 
Y11 contatti sovrapposti ad azione lenta (1NA + 1NC)		Codice Diagramma di funzionamento	BP•H11Y11 	BP•H12Y11 	BP•H13Y11 
W02 contatti ad azione lenta (2 NC)		Codice Diagramma di funzionamento	BP•H11W02 	BP•H12W02 	BP•H13W02 
W20 contatti ad azione lenta (2 NA)		Codice Diagramma di funzionamento	BP•H11W20 	BP•H12W20 	BP•H13W20 
Z02 contatti a scatto (2 NC)		Codice Diagramma di funzionamento	BP•H11Z02 	BP•H12Z02 	BP•H13Z02 
X12 contatti non sovrapposti ad azione lenta (1NA + 2NC)		Codice Diagramma di funzionamento	BP•H11X12 	BP•H12X12 	BP•H13X12 
X21 contatti non sovrapposti ad azione lenta (2NA + 1NC)		Codice Diagramma di funzionamento	BP•H11X21 	BP•H12X21 	BP•H13X21 
W03 contatti simultanei azione lenta (3NC)		Codice Diagramma di funzionamento	BP•H11W03 	BP•H12W03 	BP•H13W03 
W30 contatti simultanei azione lenta (3NA)		Codice Diagramma di funzionamento	BP•H11W30 	BP•H12W30 	BP•H13W30 
Peso (scatola 1 pezzo)	[kg]		0,145	0,145	0,150

Dimensioni (in mm)





H14 - Pistoncino semplice con cuffia antipolvere



H19 - Pistoncino con rotella in acciaio e cuffia antipolvere



H30 - Leva unidirezionale

H31: Rotella Ø22 in nylon
H32: Rotella Ø22 inox
H33: Cuscinetto acciaio Ø22



H30 - Leva unidirezionale con cuffia antipolvere

H35: Rotella Ø22 in nylon
H36: Rotella Ø22 inox
H37: Cuscinetto acciaio Ø22

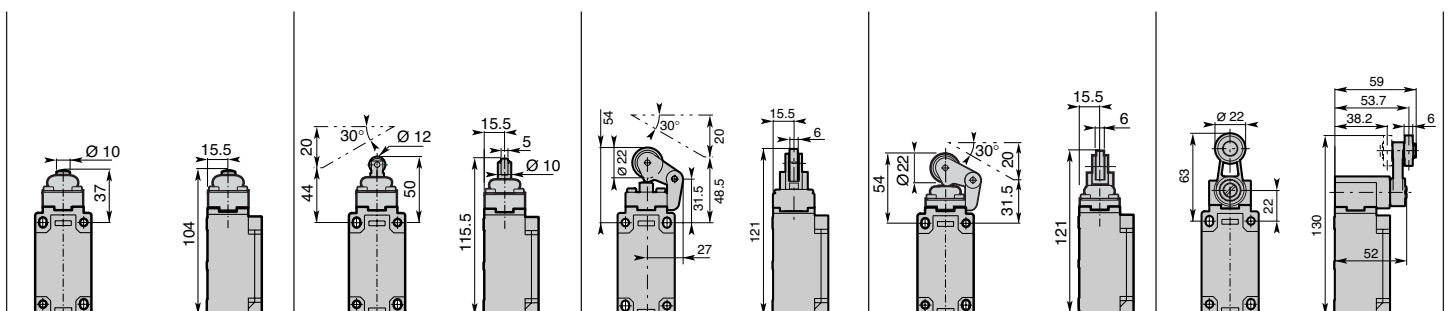


H40 - Leva con rotella Ø22

H41: Rotella in nylon
H42: Rotella inox
H43: Cuscinetto acciaio

EN 50041 0,5 14 / 40	EN 50041 0,5 14 / 40			EN 50041 1,5 0,15 / 0,30
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BP•H14Z11 0 1.0 2.2 3.8 5.9 mm	BP•H19Z11 0 2.4 4.6 7.5 10.5 mm	BP•H3•Z11 0 3.8 6.8 11.3 17.0 mm	BP•H3•Z11 0 3.8 6.8 11.3 17.0 mm	BP•H4•Z11 0 19° 31° 47° 90°
BP•H14X11 0 1.3 2.9 5.9 mm 2.1	BP•H19X11 0 3.1 6.0 10.5 mm 4.4	BP•H3•X11 0 4.9 9.4 17.0 mm 6.3	BP•H3•X11 0 4.9 9.4 17.0 mm 6.3	BP•H4•X11 0 21° 37° 90° 30°
BP•H14Y11 0 2.4 4.0 5.9 mm 1.1	BP•H19Y11 0 5.1 8.0 10.5 mm 2.8	BP•H3•Y11 0 7.6 12.1 17.0 mm 4.4	BP•H3•Y11 0 7.6 12.1 17.0 mm 4.4	BP•H4•Y11 0 34° 50° 90° 19°
BP•H14W02 0 1.1 2.7 5.9 mm	BP•H19W02 0 2.8 5.7 10.5 mm	BP•H3•W02 0 4.4 8.9 17.0 mm	BP•H3•W02 0 4.4 8.9 17.0 mm	BP•H4•W02 0 19° 35° 90°
BP•H14W20 0 1.0 5.9 mm	BP•H19W20 0 2.6 10.5 mm	BP•H3•W20 0 4.0 17.0 mm	BP•H3•W20 0 4.0 17.0 mm	BP•H4•W20 0 18° 90°
BP•H14Z02 0 1.0 2.0 3.6 5.9 mm	BP•H19Z02 0 2.4 4.4 7.3 10.5 mm	BP•H3•Z02 0 3.8 6.6 11.1 17.0 mm	BP•H3•Z02 0 3.8 6.6 11.1 17.0 mm	BP•H4•Z02 0 19° 30° 46° 90°
BP•H14X12 0 0.9 2.4 5.9 mm 2.6	BP•H19X12 0 2.8 5.3 10.5 mm 5.5	BP•H3•X12 0 3.7 7.5 17.0 mm 7.7	BP•H3•X12 0 3.7 7.5 17.0 mm 7.7	BP•H4•X12 0 16° 33° 90° 35°
BP•H14X21 0 1.0 2.5 5.9 mm 2.6	BP•H19X21 0 2.9 5.4 10.5 mm 5.5	BP•H3•X21 0 4.0 7.6 17.0 mm 7.7	BP•H3•X21 0 4.0 7.6 17.0 mm 7.7	BP•H4•X21 0 17° 34° 90° 35°
BP•H14W03 0 0.9 2.4 5.9 mm	BP•H19W03 0 2.8 5.3 10.5 mm	BP•H3•W03 0 3.7 7.5 17.0 mm	BP•H3•W03 0 3.7 7.5 17.0 mm	BP•H4•W03 0 16° 33° 90°
BP•H14W30 0 1.3 5.9 mm	BP•H19W30 0 3.3 10.5 mm	BP•H3•W30 0 4.8 17.0 mm	BP•H3•W30 0 4.8 17.0 mm	BP•H4•W30 0 21° 90°
0,145	0,150	0,185	0,180	0,200



Collegamenti elettrici

BP1: 1 ingresso cavi per pressacavi PG 13.5

BP2: 1 ingresso cavi per pressacavi 1/2" NPT

BP5: 1 ingresso cavi per pressacavi M20 x 1,5



Tipo di testina

H44 - Leva con rotella in gomma Ø 50

H5• - Leva regolabile con rotella Ø 22

H54 - Leva regolabile con rotella in gomma Ø 50

H51: Rotella in nylon
H52: Rotella inox
H53: Cuscinetto a sfere in acciaio

Conforme /  (contatti NC ad apertura positiva)

Velocità max di azionamento [m/s]


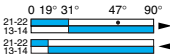
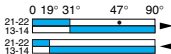
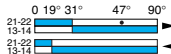

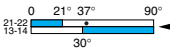
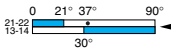
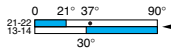

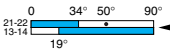
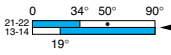
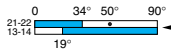


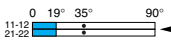
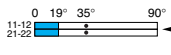

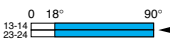
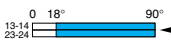
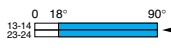

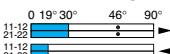
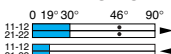
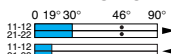

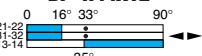
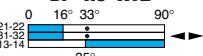
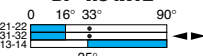
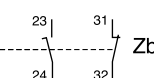
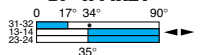
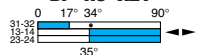
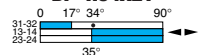
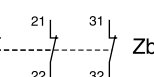
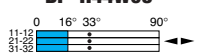
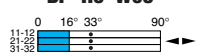
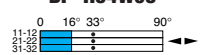
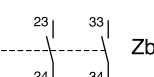
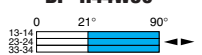
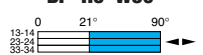
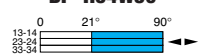
Forza [N] o coppia [Nm] min.: di azionamento/per apertura positiva

1,5
0,15 / 0,30

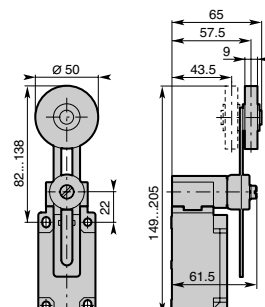
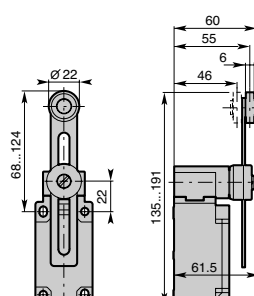
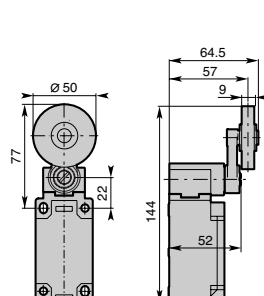
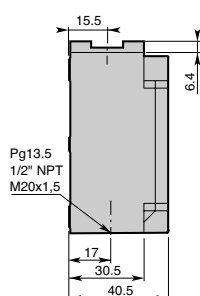
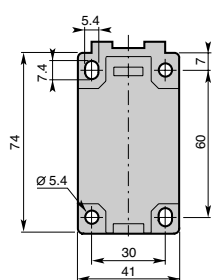
1,5
0,15 / 0,30

1,5
0,15 / 0,30

Dati tecnici aggiuntivi

Z11 contatti a scatto (1NA + 1NC)		Diagramma di funzionamento	BP•H44Z11 	BP•H5•Z11 	BP•H54Z11 			
X11 contatti non sovrapposti ad azione lenta (1NA + 1NC)		Diagramma di funzionamento	BP•H44X11 	BP•H5•X11 	BP•H54X11 			
Y11 contatti sovrapposti ad azione lenta (1NA + 1NC)		Diagramma di funzionamento	BP•H44Y11 	BP•H5•Y11 	BP•H54Y11 			
W02 contatti ad azione lenta (2 NC)		Diagramma di funzionamento	BP•H44W02 	BP•H5•W02 	BP•H54W02 			
W20 contatti ad azione lenta (2 NA)		Diagramma di funzionamento	BP•H44W20 	BP•H5•W20 	BP•H54W20 			
Z02 contatti a scatto (2 NC)		Diagramma di funzionamento	BP•H44Z02 	BP•H5•Z02 	BP•H54Z02 			
X12 contatti non sovrapposti ad azione lenta (1NA + 2NC)		Diagramma di funzionamento	BP•H44X12 	BP•H5•X12 	BP•H54X12 			
X21 contatti non sovrapposti ad azione lenta (2NA + 1NC)		Diagramma di funzionamento	BP•H44X21 	BP•H5•X21 	BP•H54X21 			
W03 contatti simultanei azione lenta (3NC)		Diagramma di funzionamento	BP•H44W03 	BP•H5•W03 	BP•H54W03 			
W30 contatti simultanei azione lenta (3NA)		Diagramma di funzionamento	BP•H44W30 	BP•H5•W30 	BP•H54W30 			
Peso (scatola 1 pezzo)		[kg]	0,205	0,195	0,205			

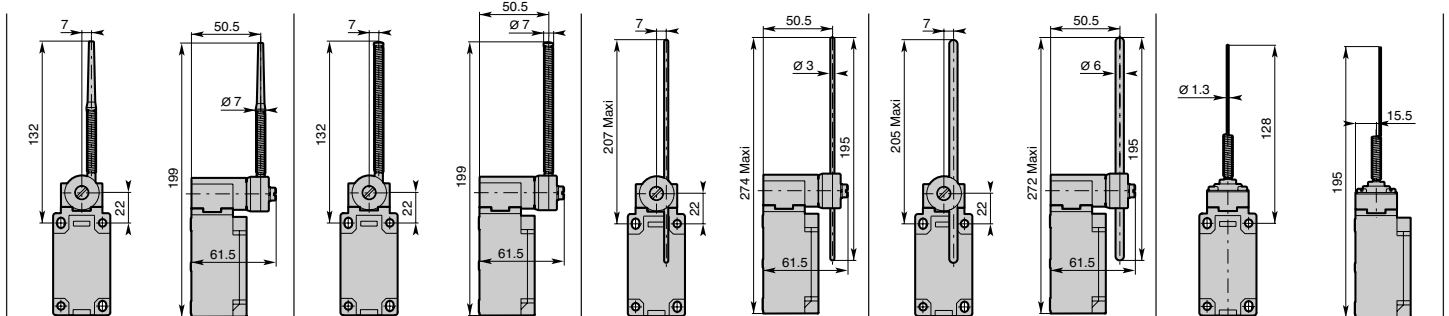
Dimensioni (in mm)





H61 - Attuatore in nylon su molla inox	H62 - Attuatore a molla inox	H7• - Asta regolabile H71: Asta inox Ø 3 H73: Asta fibra di vetro Ø3 H75: Asta in metallo 3x3	H7• - Asta regolabile Ø 6 H72: Asta nylon H74: Asta fibra di vetro	H91 - Attuatore multidirezionale con molla inox
1,5 0,15 / -	1,5 0,15 / -	1,5 0,15 / 0,30	1,5 0,15 / 0,30	1,0 0,18 / -

BP•H61Z11 0 19° 31° 90° 21-22 13-14 13-14	BP•H62Z11 0 19° 31° 90° 21-22 13-14 13-14	BP•H7•Z11 0 19° 31° 47° 90° 21-22 13-14 13-14	BP•H7•Z11 0 19° 31° 47° 90° 21-22 13-14 13-14	BP•H91Z11 0 15° 27° 21-22 13-14 13-14
BP•H61X11 0 21° 90° 21-22 13-14 30°	BP•H62X11 0 21° 90° 21-22 13-14 30°	BP•H7•X11 0 21° 37° 90° 21-22 13-14 30°	BP•H7•X11 0 21° 37° 90° 21-22 13-14 30°	BP•H91X11 0 18° 21-22 13-14 25°
BP•H61Y11 0 34° 90° 21-22 13-14 19°	BP•H62Y11 0 34° 90° 21-22 13-14 19°	BP•H7•Y11 0 34° 50° 90° 21-22 13-14 19°	BP•H7•Y11 0 34° 50° 90° 21-22 13-14 19°	BP•H91Y11 0 30° 21-22 13-14 17°
BP•H61W02 0 19° 90° 11-12 21-22	BP•H62W02 0 19° 90° 11-12 21-22	BP•H7•W02 0 19° 35° 90° 11-12 21-22	BP•H7•W02 0 19° 35° 90° 11-12 21-22	BP•H91W02 0 17° 11-12 21-22
BP•H61W20 0 18° 90° 13-14 23-24	BP•H62W20 0 18° 90° 13-14 23-24	BP•H7•W20 0 18° 90° 13-14 23-24	BP•H7•W20 0 18° 90° 13-14 23-24	BP•H91W20 0 16° 13-14 23-24
BP•H61Z02 0 19° 30° 90° 11-12 21-22 11-12 21-22	BP•H62Z02 0 19° 30° 90° 11-12 21-22 11-12 21-22	BP•H7•Z02 0 19° 30° 46° 90° 11-12 21-22 11-12 21-22	BP•H7•Z02 0 19° 30° 46° 90° 11-12 21-22 11-12 21-22	BP•H91Z02 0 15° 26° 11-12 21-22 11-12 21-22
BP•H61X12 0 16° 90° 21-22 13-14 35°	BP•H62X12 0 16° 90° 21-22 13-14 35°	BP•H7•X12 0 16° 33° 90° 21-22 13-14 35°	BP•H7•X12 0 16° 33° 90° 21-22 13-14 35°	BP•H91X12 0 15° 21-22 13-14 32°
BP•H61X21 0 17° 90° 31-32 13-14 23-24 35°	BP•H62X21 0 17° 90° 31-32 13-14 23-24 35°	BP•H7•X21 0 17° 34° 90° 31-32 13-14 23-24 35°	BP•H7•X21 0 17° 34° 90° 31-32 13-14 23-24 35°	BP•H91X21 0 16° 31-32 13-14 23-24 32°
BP•H61W03 0 16° 90° 21-22 13-14 31-32	BP•H62W03 0 16° 90° 21-22 13-14 31-32	BP•H7•W03 0 16° 33° 90° 11-12 21-22 31-32	BP•H7•W03 0 16° 33° 90° 11-12 21-22 31-32	BP•H91W03 0 15° 11-12 21-22 31-32
BP•H61W30 0 21° 90° 13-14 23-24	BP•H62W30 0 21° 90° 13-14 23-24	BP•H7•W30 0 21° 90° 13-14 23-24	BP•H7•W30 0 21° 90° 13-14 23-24	BP•H91W30 0 19° 13-14 23-24
0,190	0,195	0,185	0,185	0,150



Collegamenti elettrici

BP1: 1 ingresso cavi per pressacavi PG 13.5

BP2: 1 ingresso cavi per pressacavi 1/2" NPT

BP5: 1 ingresso cavi per pressacavi M20 x 1,5

Tipo di testina



H92 - Attuatore multidirezionale in nylon su molla inox

H93 - Attuatore multidirezionale a molla inox

Conforme /  (contatti NC ad apertura positiva)


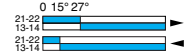


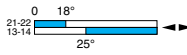
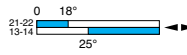

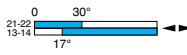
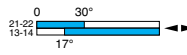

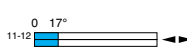
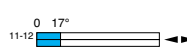

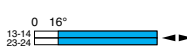


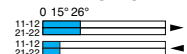
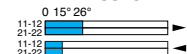

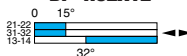
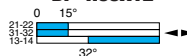
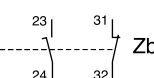
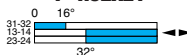
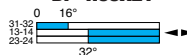
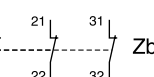
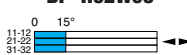
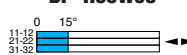
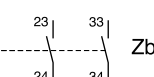
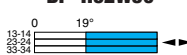
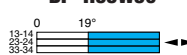
Velocità max di azionamento [m/s]

Forza [N] o coppia [Nm] min.: di azionamento/per apertura positiva

1,0
0,18 / -

1,0
0,18 / -

Dati tecnici aggiuntivi

Z11 contatti a scatto (1NA + 1NC)		Zb	Codice Diagramma di funzionamento	BP•H92Z11 	BP•H93Z11 
X11 contatti non sovrapposti ad azione lenta (1NA + 1NC)		Zb	Codice Diagramma di funzionamento	BP•H92X11 	BP•H93X11 
Y11 contatti sovrapposti ad azione lenta (1NA + 1NC)		Zb	Codice Diagramma di funzionamento	BP•H92Y11 	BP•H93Y11 
W02 contatti ad azione lenta (2 NC)		Zb	Codice Diagramma di funzionamento	BP•H92W02 	BP•H93W02 
W20 contatti ad azione lenta (2 NA)		Zb	Codice Diagramma di funzionamento	BP•H92W20 	BP•H93W20 
Z02 contatti a scatto (2 NC)		Zb	Codice Diagramma di funzionamento	BP•H92Z02 	BP•H93Z02 
X12 contatti non sovrapposti ad azione lenta (1NA + 2NC)		Zb	Codice Diagramma di funzionamento	BP•H92X12 	BP•H93X12 
X21 contatti non sovrapposti ad azione lenta (2NA + 1NC)		Zb	Codice Diagramma di funzionamento	P•H92X21 	BP•H93X21 
W03 contatti simultanei ad azione lenta (3NC)		Zb	Codice Diagramma di funzionamento	BP•H92W03 	BP•H93W03 
W30 contatti simultanei ad azione lenta (3NA)		Zb	Codice Diagramma di funzionamento	BP•H92W30 	BP•H93W30 
Peso (scatola 1 pezzo)				[kg]	0,155 0,160

Dimensioni (in mm)

