

INTERRUTTORI DI FINECORSA SERIE "PS" - LIMIT SWITCHES SERIES "PS"

MODO DI PROTEZIONE - PROTECTION MODE:

II 2GD Ex d IIC T6/T5 Gb - Ex tb IIIC IP66/67 T85°C/100°C Db; I M2 Ex d I Mb
Amb.temperature -50°C to +60°C (T6-T85°C) /+80°C(T5-T100°C)

CERTIFICATO - CERTIFICATE: ATEX

Interruttori per uso in ambienti pericolosi: forma compatta, accuratezza di operazione, vasta gamma di azionatori, grande capacità di adattamento e di montaggio.

MATERIALI: contenitore in lega leggera, dadi e viti esterne in acciaio inossidabile

VERNICIATURA: epossidica RAL 7000

(*)Maximum number of control operations 300/hours, the temperature class T65°C considering an ambient temperature range between -20°C and +40°C.

Position switches for use in dangerous environments: compact shape, operating accuracy, wide range of actuators, high capacity of adaptation and assemblage.

MATERIAL: enclosure in light alloy, external stainless steel bolt and screws

PAINTING: epoxy RAL 7000

Identificazione costruzione elettrica - Identification of electrical construction:

PS

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Tipo di contatto (unipolare o bipolare) - Contact type (unipolar or bipolar)

Tipo di azionatore - Actuator type

CARATTERISTICHE ELETTRICHE DELL'ELEMENTO DI CONTATTO:

Corrente alternata

Ue (V) 250 400 500

Ie (A) 6 3 1

Corrente Diretta

Ue (V) 24 125 250

Ie (A) 6 1.1 0.4

Connessione: morsetti a vite con sezione minima 1,5 mm²

Frequenza operativa: 1200 movimenti/ora (max.)

N,max di manovre: da 8 a 10 milioni

CONTACT ELEMENTS ELECTRICAL

CHARACTERISTICS:

Alternate current

Ue (V) 250 400 500

Ie (A) 6 3 1

Direct current

Ue (V) 24 125 250

Ie (A) 6 1.1 0.4

Connection: screw terminals min section 1,5 mm²

Operation frequency: 1200 operations/hour (max.)

Life cycle: 8/10 milion cycle

DIAGRAMMA ELETTRICO - ELECTRICAL DIAGRAM

TIPO TYPE	CONTATTO CONTACT	DIAGRAMMA - DIAGRAM	OPERAZIONE - OPERATING
C2	1NO + 1NC 1NO + 1NC		AZIONE A SCATTO SNAP ACTION
C5	1NO + 1NC		AZIONE A SCATTO SNAP ACTION
C6	1NO + 1NC		AZIONE LENTA SLOW ACTION

Rotazione teste

E' possibile girare la testa con incrementi di 90° per tutti gli interruttori, svitando le quattro viti di fissaggio (Fig. 1)

Leve orientabili

Negli interruttori con leve orientabili è possibile orientare la leva con incrementi di 10° (Fig. 2). La trasmissione positiva del movimento è sempre garantita dal particolare accoppiamento geometrico tra la leva e l'albero di rotazione.

Revolving heads

It is possible to turn the head in 90° increments in all the switches, by unfastening the four fixing screws (Fig. 1)

Adjustable levers

In the switches with rotating lever it is possible to adjust the lever in 10° increments (Fig. 2). The positive transmission of movement is always guaranteed by the particular geometric coupling between the lever and the rotating shaft.

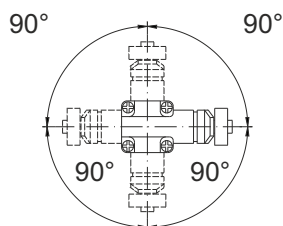


Fig. 1

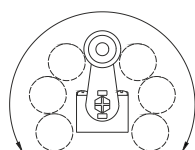
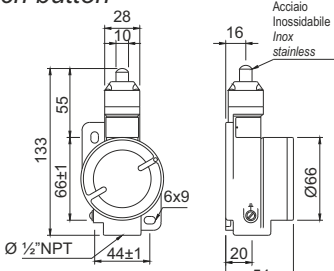
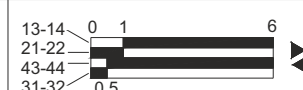
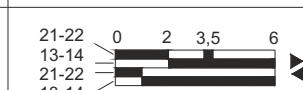
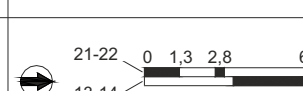
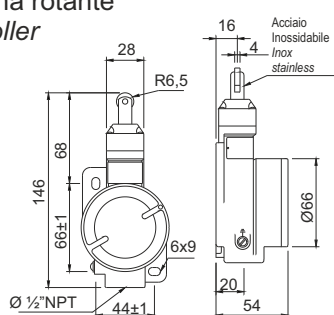
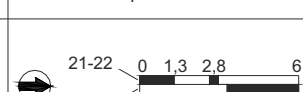
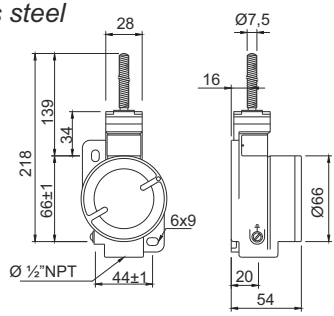
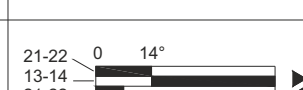
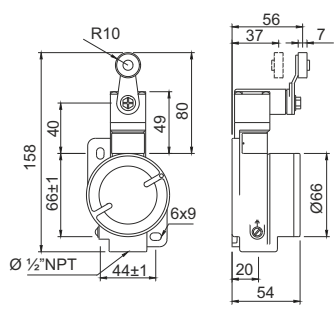
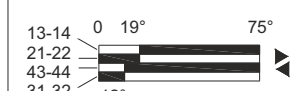
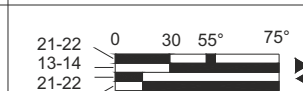
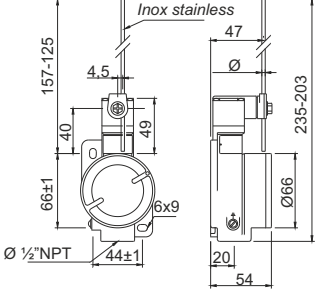
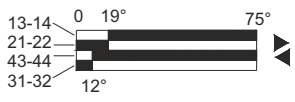
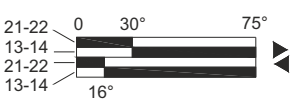
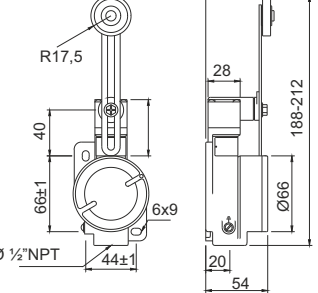
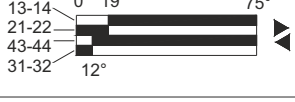
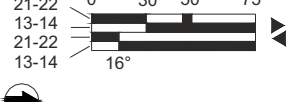
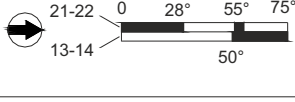
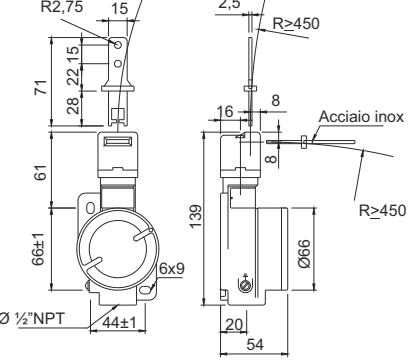


Fig. 2

Azionatore - Actuator	Codice Code	Elemento Contatto Contact blocks	Diagramma Corsa Travel diagrams	Forza Min-max Min-max force	Veloc. Max m/sec Max speed m/sec
Con pulsante prolungato With lenghtened push button  - Apertura positiva Positive operating - Inizio apertura positiva Positive operating beginning - Spinta Pushing - Rilascio Releasing	PS 211	C2 1NO + 1NC+ 1NO + 1NC		Min 11 N	0,5
	PS 511	C5 1NO + 1NC		Max 18 N	
	PS 611	C6 1NO + 1NC			
Con pulsante a testina rotante With push button roller  - Apertura positiva Positive operating - Inizio apertura positiva Positive operating beginning - Spinta Pushing - Rilascio Releasing	PS 216	C2 1NO + 1NC+ 1NO + 1NC		Min 8 N	0,5
	PS 516	C5 1NO + 1NC		Max 18 N	
	PS 616	C6 1NO + 1NC			
Con molla in acciaio inox With spring stainless steel  - Apertura positiva Positive operating - Inizio apertura positiva Positive operating beginning - Spinta Pushing - Rilascio Releasing	PS 225	C2 1NO + 1NC+ 1NO + 1NC		Min 14 Ncm	1
	PS 525	C5 1NO + 1NC			
Con leva rotante With roller lever  - Apertura positiva Positive operating - Inizio apertura positiva Positive operating beginning - Spinta Pushing - Rilascio Releasing	PS 231	C2 1NO + 1NC+ 1NO + 1NC		15- 20N	1,5
	PS 531	C5 1NO + 1NC			
	PS 631	C6 1NO + 1NC			

Azionatore - Actuator	Codice Code	Elemento Contatto Contact blocks	Diagramma Corsa Travel diagrams	Forza Min-max Min-max force	Veloc. Max m/sec Max speed m/sec
Con leva ad asta rigida tonda With rigid round rod lever  Apertura positiva Positive operating  Inizio apertura positiva Positive operating beginning  Spinta Pushing  Rilascio Releasing  Acciaio Inossidabile Inox stainless	PS 232	C2 1NO + 1NC+ 1NO + 1NC		Min 15 Ncm	
	PS 532	C5 1NO + 1NC			
	PS 632	C6 1NO + 1NC			
Con leva estensibile rotante in gomma With rubber roller extensible lever  Apertura positiva Positive operating  Inizio apertura positiva Positive operating beginning  Spinta Pushing  Rilascio Releasing  R17,5	PS 238E	C2 1NO + 1NC+ 1NO + 1NC		Min 15 Ncm Max 20 Ncm	1,5
	PS 538E	C5 1NO + 1NC			
	PS 638E	C6 1NO + 1NC			
Con chiave With key  Apertura positiva Positive operating  2,5, R>450, 8, 139, 16, 8, Acciaio inox, R>450	PS 693	C6 1NO + 1NC			