

Limit value switches

Inductive contact
double, interval

DN

160

Type code

Type

Inductive contact

interval

Mode of operation

This model is particularly recommended for low torques, such as for pressure gauges equipped with a capsule spring where inductive contacts with a centre vane (catalogue page K 03-30.011) can also not be used. The interval contact has no hair springs and its mode of operation has no effect on the measuring instrument. The slot sensors have no lateral stops in the slot, so that a control vane fastened to the actual value pointer may operate over the full range of the scale and has no influence. The actual value pointer is supplied with the contact. The relays which have been developed for this particular contact device guarantee that the respective switching operation will be maintained even if the set limit values are exceeded. The control vane may thus pass beyond the set value, leave the slot sensor and re-enter again on its way back, and will not cause any change in the switching behaviour. Even a power failure cannot effect any change in the switching behaviour. When the power is supplied again, the last switching position is likewise restored.

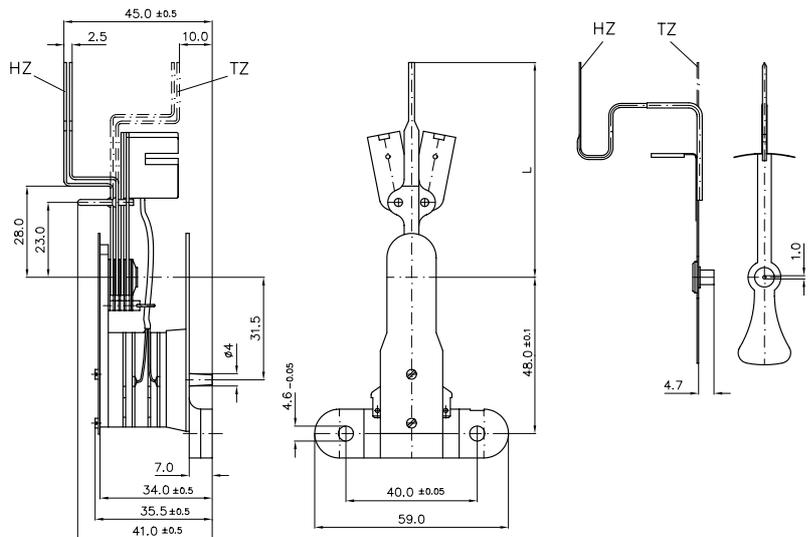
Recommended amplifiers

KFA6-SR2-Ex2.W.IR  intrinsically safe

(re. catalogue group K 12)

MSR 011-I, not intrinsically safe

(re. catalogue group K 11)



Required order information

Nominal size	DN 160
Type	re. type code
Set pointer	HZ (contact fitted below the dial) TZ (contact fitted on the dial)
Pointer length "L"	66 mm for DN 160 105 mm for DN 160 - 250
Connection (re. page K 14-10.030)	solder or plug terminal (German silver)
Slot sensor (re. page K 03-00.030) (re. page K 03-00.040)	SJ 3.5 N
Contact base	plastic metal

Special executions available on request

Additional information

Description / technical data	Page
Inductive contacts _____	K 03-00.010
Explosion protection (general) _____	K 14-30.010
Fail safe technology _____	K 14-30.020
Circuit diagrams / self-adhesive labels _____	K 14-10.020
Terminal configuration _____	K 14-10.035
Fitting, adjusting, dial mounting _____	K 14-10.040
Limit value switches immersed in oil _____	K 14-20.020

K-group	
Accessories _____	K 13