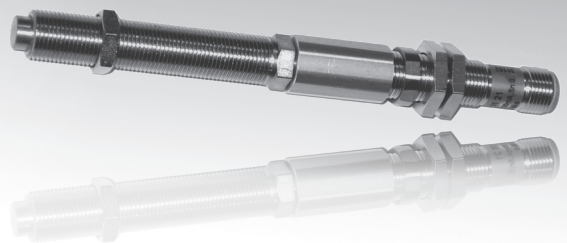
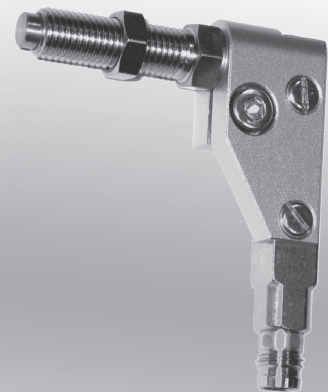
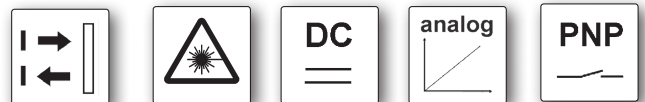


overall length	<b>holder</b>	20 ... 35mm
thread length	<b>stop</b>	15 ... 80mm
<b>holder</b>	straight	IB06
	straight	IB08
	angular	IB09
	straight	IB12
<b>stop</b>	thread M10x1	for all holders



- ✓ high precision positive stop for inductive sensors
- ✓ high wear resistance of the stop pin thanks to hardened steel
- ✓ stainless steel versions
- ✓ stop pin with spring return mechanism
- ✓ stopping stroke 1mm accuracy ± 0.01mm
- ✓ max. stop power 200N
- ✓ spring return power 3N

**mechanic actuation for inductive sensors via tappets**



**description**

Mechanical tappets are often used if a very precisely defined switch-point is needed, using an inductive proximity switch. This switch-point is independent of the material used, as the tangible actuation of the sensor always comes from the integrated tappets.

Up to the maximum stopping force of 200N, the actuation can also be run in a 'dead stop/blocked' position, e.g. in order to initialize a reference point. In contrast to the contact-free sensor used, the actuation head also tolerates powerful impulses. One of the many further advantages lies in the fact that the respective sensor used can

be exchanged without having to dismantle the assembled actuation tappet (stop) and thus without having to adjust it.

**application examples**

- ▶ initialization of reference points
- ▶ welding equipment
- ▶ with high levels of mechanical stress
- ▶ actuation by a high-temperature machine tripping segment
- ▶ where sensors are exchanged, the permanent and fixed assembly position is irrespective

article-no.	AY000029	AY000069
version	holder 6.5 straight, for IB06, SW12	holder M8x1 straight, for IB08, SW12
material	brass nickel-plated	aluminum
article-no.	AY000065	-
version	holder 6.5 straight, for IB06, SW12	-
material	stainless steel	
	<p>6.7 20 M10x1 5 4 12 SW12 plastic collet</p>	<p>M8x1 14 22 11 Ø10 2 x grub screw M3</p>
article-no.	AY000056	AY000030
version	holder M12 straight, for IB12, SW14	holder 8x8, angular, for IB09
material	aluminum	aluminum
	<p>M12x1 14 25 M10x1 Ø5 6 15 4 14.5 lock nut M12x1</p>	<p>35 20 3.5 17 4 29 13 10.5 Ø9.7 clamp screw</p>
article-no.	AY000059	
version	holder 8x8, angular, for IB09	
material	aluminum	
	<p>13 10.5 35 20 3.5 4 17 29 clamp screw</p>	

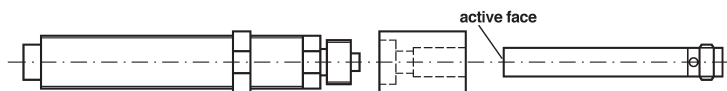
article-no.	AY000077	AY000031	AY000035	AY000080
version	stop M8x1	stop M8x2	stop M8x3	stop M8x4
length (thread / overall)	15mm/32mm	25mm/41mm	40mm/56mm	60mm/75mm
material	hardened steel	hardened steel	hardened steel	hardened steel
article-no.	-	AY000066	AY000067	-
version	-	stop M8x1	stop M8x1	-
length (thread / overall)	-	25mm/41mm	40mm/56mm	-
material	-	stainless steel	stainless steel	-
article-no.	-	AY000106	AY000064	-
version	-	stop M8x1	stop M8x1	-
length (thread / overall)	-	25mm/41mm	40mm/56mm	-
material	-	hardened steel	hardened steel	-
		AY000031, AY000066 without M3 thread	AY000035, AY000067 without M3 thread	
article-no.	AY000063	AY000040	AY000082	
version	stop M8x1	stop M12x1	stop M8x1	
length (thread / overall)	80mm/96mm	60mm/77mm	80mm/97mm	
material	hardened steel	hardened steel	hardened steel	
article-no.	-	AY000068	-	
version	-	stop M12x1	-	
length (thread / overall)	-	60mm/77mm	-	
material	-	stainless steel	-	
article-no.	-	AY000074	-	
version	-	stop M12x1	-	
length (thread / overall)	-	60mm/77mm	-	
material	-	hardened steel	-	
		AY000040, AY000068 without M3 thread		

combination possibilities

stop  
e. g. **AY000077**

holder  
**AY000029**  
**AY000065**

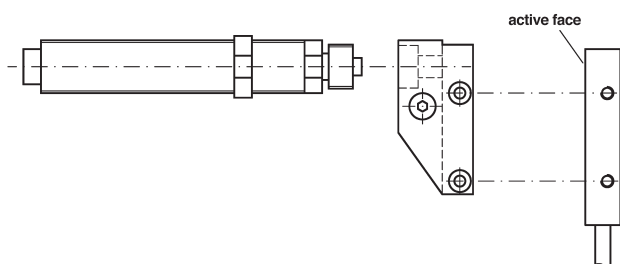
for sensor  
**IB06**



stop  
e. g. **AY000077**

holder  
**AY000030**

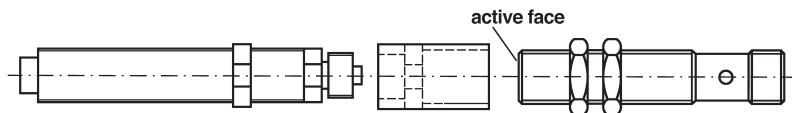
for sensor  
**IB09**



stop  
e. g. **AY000040**

holder  
**AY000056**

for sensor  
**IB12**



**Warning:** Never use these devices in applications where the safety of a person depends on their functionality.

You also find this data sheet, as well as contact details under [www.ipf-electronic.com](http://www.ipf-electronic.com)