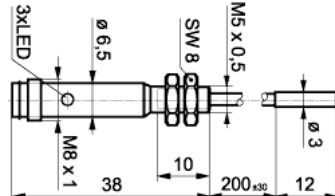
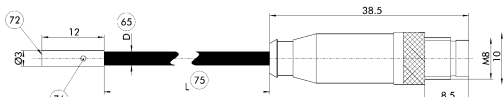


Table overview– IN 03 to successor IN 30K

The inductive proximity switch IN 03 will be replaced successively by sensor IN 30K. The functionality of the sensor in combination with SCHUNK products is the same and is proven by internal tests. We want to inform you with the following overview about differences of the products. Please have a look to the catalogue chapter for more information.

Attribute	IN 3 Inductive proximity switch Ø 3 mm	IN 30K Inductive proximity switch Ø 3 mm				
Status	Old product, noted for discontinuation	New product				
Material number / Description	IN 3-S-M8 0301466	IN 30K-S-M8-PNP 1001272				
Product picture						
Technical data	The following technical data are different. More information can be found in the catalogue.					
	Switching distance		0,8 mm	Switching distance		0,9 mm
	Switching hysteresis from the nominal switching distance		2 ... 20% von S _r	Switching hysteresis from the nominal switching distance		≤ 10% von S _r
	Max. switching frequency		3000 Hz	Max. switching frequency		8000 Hz
	Max. ambient temperature		75 °C	Max. ambient temperature		70 °C
	Cable diameter D		2,5 mm	Cable diameter D		2,6 mm
	Weight		0,05 kg	Weight		0,08 kg
	Min. bending radius (static)		5 x D	Min. bending radius (static)		10 x D
	Min. bending radius (dynamic)		10 x D	Min. bending radius (dynamic)		10 x D
Dimensions	Drawing of sensor			Drawing of sensor		
	 NOTE The electronic and LED of the sensor is located in the connector. Further the connector has no swivel nut. The extension cable has to have a swivel nut. The standard sensor distributors cannot be used.			 NOTE The electronic and LED of the sensor is integrated in the head of the sensor. The connector is smaller compared to the IN 03, the sensor head has the same dimensions. Standard extension cables and standard sensor distributors can be used.		
Packaging	Tubular bag, transparent			Tubular bag, transparent		
IO-Link	Communication interface not available			IO-Link interface version 1.0, available on request		

Attribute	IN 3 <i>Inductive proximity switch Ø 3 mm</i>	IN 30K <i>Inductive proximity switch Ø 3 mm</i>
Sensor is accessory of	MPZ 16 MPG 10, 12, 16 MPG-plus 16 ORG 85 (with attachment kit) EGS 25	MPZ 16 MPG 10, 12, 16 MPG-plus 16 ORG 85 (with attachment kit) EGS 25 EGS 40 NOTE The functionality of the sensor in combination with the product is guaranteed by internal tests
Accessories	Connection cable KA und extension cable KV Clip CLI-M8 Sensor tester SST	Connection cable KA und extension cable KV Clip CLI-M8 Sensor tester SST Sensor distributor V2-M8, V4-M8 und V8-M8 NOTE The material number of the accessories can be found in the catalogue chapter of the sensor.

Contact

You have a question on the technology, price or delivery time? Our internal staff is looking forward to hearing from you.

Sales hotline: +49-7133-103-2503 (Prices und delivery time for SCHUNK standard components)

Technical hotline: +49-7133-103-2696 (Technical support, customized gripping solutions)

After-sales and customer service: +49-7133-103-2794