




Technical data		Cylindrical design					
Dimensions		ø 3 mm / M4	ø 4 mm	M5	ø 6,5 mm	M8	M12
max. Sn binary	Mounting shielded	0,8 mm	1 mm	1 mm	2 mm	2 mm	4 mm
	Mounting quasi shielded				3 mm	3 mm	6 mm
	Mounting unshielded				6 mm	6 mm	10 mm
max. Sn analog	Sensing distance shielded						1...2 mm
	Sensing distance quasi shielded				0...2 mm	0...2 mm	0...4 mm



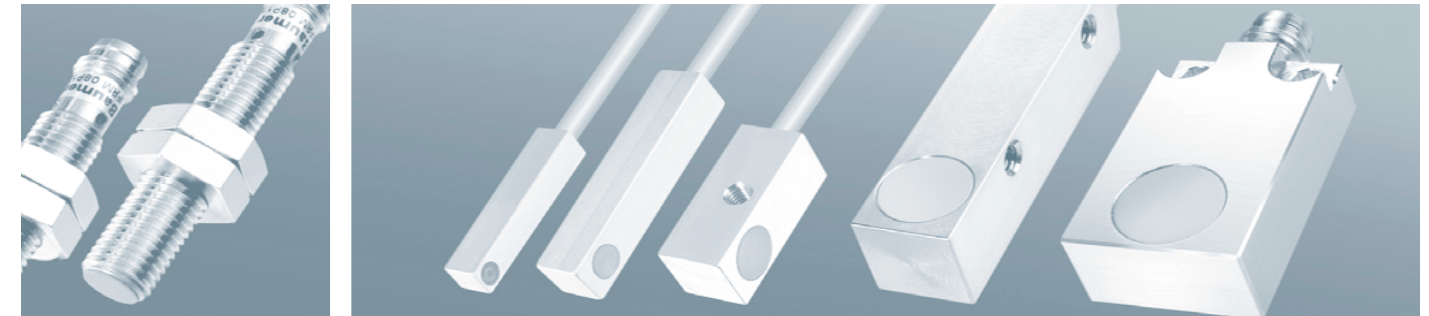
Outputs	PNP	■	■	■	■	■	■
	NPN	■	■	■	■	■	■
	NAMUR		■	■			■
	Analog 4 - 20 mA				0 - 10 mA	0 - 10 mA	■
	Analog 0 - 10 V				■	■	■
Connections	Connector M5 x 0,5 (S05)		■	■			
	Connector M8 x 1 (S35)	KS 35 *1)	■	■	■	■	■
	Connector M12 x 1 (S14)					■	■
	Connection cable	■	■	■	■	■	■
	Individual strands	■	■	■			

*1) flylead connector

Housings	Stainless steel 1.4305	■	■	■	■	■	
	Stainless steel 1.4404					■	■
	Brass nickel plated						■
	Aluminum anodized						
	Synthetic						■

Remarks	shortest connector version	12 mm	24 mm	24 mm	28 mm	28 mm	40,5 mm
	shortest cable version	22 mm	20 mm	20 mm	22 mm	22 mm	30,5 mm
		Subminiature, with amplifier external	with M5 Mini-connector	with M5 Mini-connector	4-fold sensing distance	4-fold sensing distance	Analog sensor with Teach-in
	binary sensors	to page 2. 02	2. 03	2. 05	2. 06	2. 09	2. 12
	NAMUR sensors	to page -	3. 02	3. 02	3. 03	3. 03	3. 04
distance meas. sensors	to page -	-	-	4. 06	4. 07	4. 09	

		Rectangular design					
M18	M30	□ 4 mm	□ 6 mm	□ 8 mm	□ 12 mm	□ 18 mm	□ 20 mm
	10 mm	0,8 mm	1 mm	2 mm	4 mm		8 mm
8 mm							
8 mm	15 mm						
2...5 mm	5...10 mm				0...4 mm	0...4 mm	2...5 mm
0...8 mm							



Outputs	PNP	■	■	■	■		■	
	NPN	■	■	■	■		■	
	NAMUR			■				
	Analog 4 - 20 mA						■	■
	Analog 0 - 10 V		1 - 9 V			■	■	■
Connections	Connector M5 x 0,5 (S05)			■	■			
	Connector M8 x 1 (S35)			KS 35 *1)	KS 35 *1)	■	■	■
	Connector M12 x 1 (S14)		■			■		
	Connection cable	■	■	■	■	■	■	■
	Individual strands							

*1) flylead connector *1) flylead connector

Housings	Stainless steel 1.4305	■					
	Stainless steel 1.4404						
	Brass nickel plated	■	■		■	■	■
	Aluminum anodized				■		
	Synthetic	■	■				

Remarks	shortest connector version	45 mm	65 mm	22 mm	24 mm	24 mm	28 mm	37 mm	39 mm
	shortest cable version	32 mm	60 mm	22 mm	20 mm	16 mm			
		binary and analog version	binary and analog version	Subminiature rectangular design	Miniature connector version	with M5 Mini-connector	Integrated current and voltage outputs in the same sensor		binary and analog version
	binary sensors	2. 16	2. 19	2. 20	2. 20	2. 21	2. 24	-	2. 24
	NAMUR sensors	3. 04	-	-	-	3. 05	-	-	-
distance meas. sensors	4. 13	4. 15	-	-	-	4. 16	4. 18	4. 20	