Inductive Standard Series

Universal, Reliable, Competitive



Universal
Industrial grade sensors from 3 mm to M30 for a variety of applications

Robust
Extended EMC and shock & vibration resistance

Reliable
High switching distances up to 3xSn with repeatable behavior over temperature and series

From Baumer
Proven quality with more than 50 years of experience in the field of inductive sensors

Cylindrical Sensors

		Sensing Distance (mm)			Housing Length (mm)				
Family	**Size (mm)**	**Flush**	**Quasi-Flush**	**Non-Flush**	**Strands**	**Cable**	**Conn. M8**	**Fly-Lead M8**	**Conn. M12**
IR03	ø3	1			12	16		16	
IR04	M4	0.8				22		22	
IR04	ø4	1.6				20		20	
IR05	M5	1.6				20		20	
IR06*	ø6.5	2	3	4 / 6		22 / 40	28 / 46		
IR08*	M8	2	3	4 / 6		22 / 40	28 / 46		
IR12*	M12	4	6	8 / 10		40			50
IR18*	M18	8	12	12 / 15		50			60
IR30	M30	15	18	24		50			60

Rectangular and Flat Sensors

			Sensing Distance (mm)		Connection		
Family	**Size (mm)**	**Style**	**Flush**	**Non-Flush**	**Cable**	**Conn. M8**	**M8 Fly-Lead**
I40	4 × 4 × 22		0.8		■		
I60	6 × 6 × 20		1		■		
I80	8 × 8 × 38.5		2		■	■	
I81	8 × 8 × 20		2		■	■	
IF08	8 × 4.7 × 16		2		■		■
IF201	20 × 32 × 10		8		■	■	
IF250	25 × 52.4 × 6			12	■		

*Factor 1 options available.

Output circuit: PNP or NPN | Function: Normally open or normally closed

Baumer
Passion for Sensors

More housing lengths and styles are available at:
www.baumer.com/c/278