

IMX: Xtra Distance - Reduced Mechanical Damage

- Largest sensing range: out to 50mm
- Installation aid and more compact
- Resistant to oils and cooling lubricants
- Temperature range: -25°C to +75°C



Standard Applications

IME: The Economic Standard

- Max Range: 38mm
- Standard M8, M12, M18, M30 barrel
- Nickel-plated brass & PA66 face
- Temperature: -25°C to +75°C
- Enclosure rating: IP67



IMG: The Good, Robust

- Max Range: 20mm
- Resistant to oil and lubricants
- Nickel-plated brass & LCP face
- Temperature: -40°C to +85°C
- Enclosure rating: IP68, IP69K



Cubical

IQ40: The 40x40 Standard

- Max Range: 40mm
- Resistant to oil and lubricants
- Head can be rotated in five directions
- Temperature: -40°C to +85°C
- Enclosure rating: IP67, IP68, IP69K



Challenging Applications

IMB: The Best, Problem Solver

- Max Range: 20mm
- Suitable for harsh conditions
- Resistant to oil and lubricants
- Stainless steel V2A, with LCP face
- IO-Link and visual installation aid
- Temperature: -40°C to +100°C
- Enclosure rating: IP67, IP68, IP69K



IMC: The Communicator, Smart

- Max Range: 20mm
- Multiple programmable outputs and windows
- On-board logic, counters, temperature, & time measurement
- Enclosure rating: IP67, IP68, IP69K



Miniature

IMM: The Mini, Powerful

- Sensing Ranges: 0.6mm to 6mm
- As small as 3mm diameter
- Stainless steel V2A, with LCP face
- Temperature range: -25°C to +70°C
- Enclosure rating: IP67



SENSOR	PART NUMBERS	COMPARABLE PRODUCTS	HOW TO OPERATE
 IMX - Xtra Distance	1107438 M12, 16mm Non-Flush	Omron E2E Next	
	1107437 M12, 09mm Q-Flush		
	1107441 M18, 30mm Non-Flush		
	1107443 M30, 50mm Non-Flush		
 IME - Economic	1040982 M18, 12mm, Non-Flush	Automation Direct DWAS Turck BI12U P&F NBN12 Balluff BES	
	1040780 M12, 8mm Non-Flush		
	1040764 M12, 4mm Flush		
	1041030 M30, 15mm Flush		
 IMG - Good	1094333 M12, 4mm Flush	Omron E2E-X4 P&F NBB4 Balluff BES IFM IFS252	
	1135572 M18, 12mm Non-Flush		
 IMB - Best	1074350 M8, 4mm Non-Flush	Balluff BES01PK IFM IFS253	
	1070173 M18, 12mm Non-Flush		
 IMC - Communication	1079295 M18, 12mm Non-Flush	IFM IF6123 Turck BI6U-IOL	
 IMM - Miniature	1108735 D3, 1mm Flush	Omron E2E-S05 Balluff BES M05 P&F NB*-4M	
	1111253 M4, 1mm Flush		
	1103984 M5, 0.8mm Flush		
 IQ40 - Cubical	1071552 40x40, 40mm Non-Flush	Turck CK40/CP40 IFM IM Series	
	1071553 40x40, 20mm Flush		

Brackets

5321721 - Mounting bracket M8
5308447 - Mounting bracket M12
5308446 - Mounting bracket M18
5308445 - Mounting bracket M30
5320949 - Stainless mount M12
5320947 - Stainless mount M18

M12 Cables

2096234 - 2m PVC
2096235 - 5m PVC
2096236 - 10m PVC
2095607 - 2m PUR
2095608 - 5m PUR
2096006* - M12-M12 for 1061790
1061790 - IO-Link box for SOPAS

M8 Cables

2095888 - 2m PVC
2095889 - 5m PVC
2095890 - 10m PVC
2094791 - 2m PUR
2094792 - 5m PUR