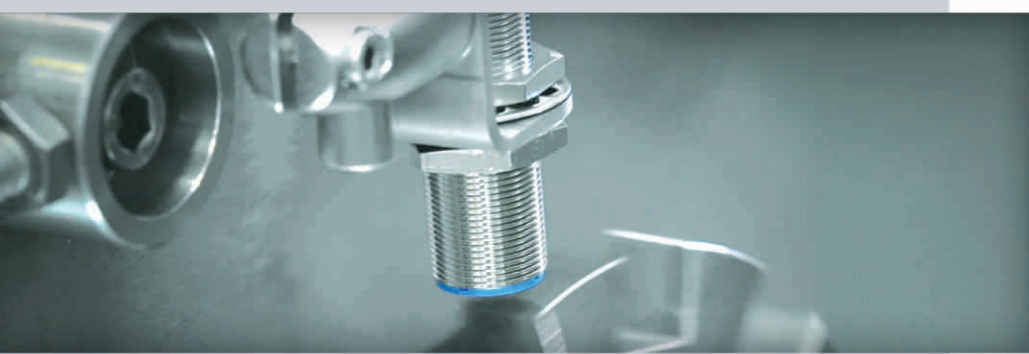
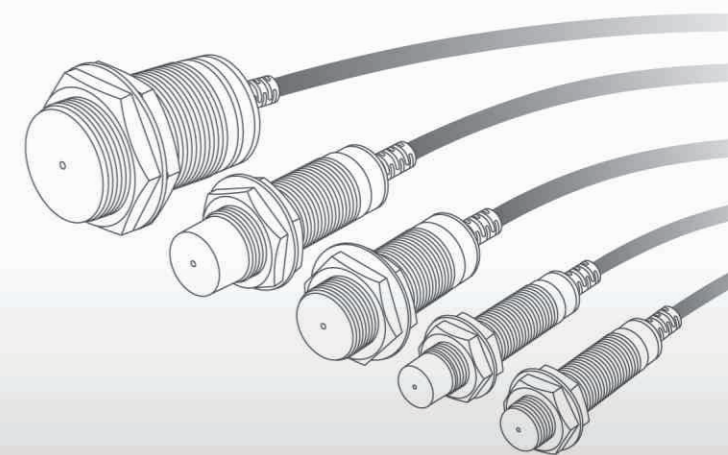


SENSOR TECHNOLOGY WITH ELEGANCE



Industrial Automation



Sold & Serviced by:

THE COMPANY an overview

Keltronic Dyna, one of the leading manufacturers of low voltage electrical components. Since 1995, we are continuously growing towards manufacturing various engineering products with dedicated strategies & research, making our brand highly competitive in the national and international market.

Keltronic Dyna, an Indian company with Indian ethos, is poised to expand its product range further to offer comprehensive solutions for discerning customers allied with competitive pricing, quality deliverance and total customer satisfaction. Through our strong base in the market, the organization has made steady progress in successfully developing and marketing various switchgear products; the focus has always been quality products and manufacturing processes with a difference.

We offer a unique range of products and systems that deliver end-to-end solutions, and comprise the core technology capabilities for the manufacturing and processing industry.

With state-of-the-art tool design, development and manufacturing capabilities and emphasis on quality have helped the company achieve benchmarks for its products and services.

We strongly adhere to the quality management of our products. Our whole range of products strive to give a good competitive sense through our Purchase, Production, Development, Quality Control, Sales, Personnel, and Maintenance.

Keltronic Dyna is committed to achieving a leadership position in Switchgear & Automation Industry.

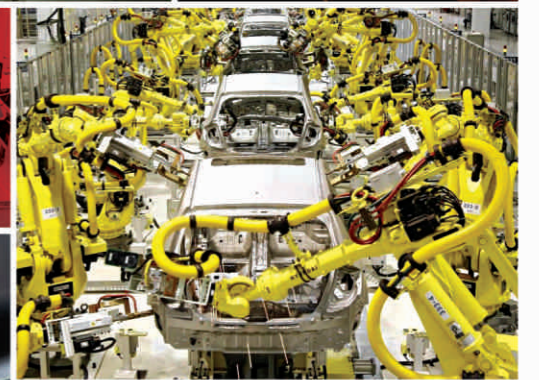
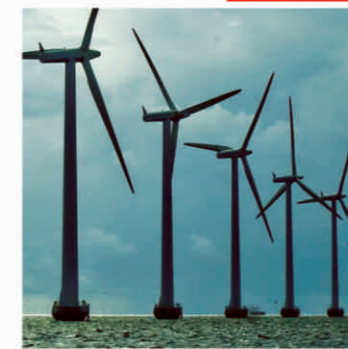
With strong control over quality, we are continuously approaching towards submissive standards. We are giving the world a better outlook by enhancing the technique every single day. Our key focus is always to give a strong strategic force in the market so that our products provide an impulsive threshold in the market.



TABLE OF CONTENT



Inductive Sensors Eco Series	01
Inductive Sensors Premium Series	01
Inductive Sensors Connector Series	01
Inductive Sensors Rectangular Series	01
Capacitance Proximity Sensors CKDP	01
Photoelectric Sensors GKDPE Series (Metal Housing)	01
Photoelectric Sensors GKDP Series (Plastic Housing)	01
Photoelectric Sensors Square Series	01
Proximity Sensors Flat Series	01
Foot Switches	01
AC Contactors	01
Other Products	01



Inductive Sensors

ECO SERIES

Features

- Inside surge protection, reverse polarity protection
- Long use-life cycle and high reliability, easy install, economic price
- Red LED status indication, easy to confirm work situation
- Protection structure IP67 (IEC Standard)
- Replaceable for micro switches and limit switches



Specifications ▶ DC 3 Wire

Type	M12 Flush	M12 Non-Flush	M18 Flush	M18 Non-Flush	M30 Flush	M30 Non-Flush
Models	KD-12-3002-PA KD-12-3002-NA KD-12-3002-PB KD-12-3002-NB	KD-12-3004-PA KD-12-3004-NA KD-12-3004-PB KD-12-3004-NB	KD-18-3005-PA KD-18-3005-NA KD-18-3005-PB KD-18-3005-NB	KD-18-3008-PA KD-18-3008-NA KD-18-3008-PB KD-18-3008-NB	KD-30-3010-PA KD-30-3010-NA KD-30-3010-PB KD-30-3010-NB	KD-30-3015-PA KD-30-3015-NA KD-30-3015-PB KD-30-3015-NB
Sensing Distance	2mm	4mm	5mm	8mm	10mm	15mm
Hysteresis	Max. 10% of Sensing Distance					
Setting Distance	0~1.4mm	0~2.8mm	0~3.5mm	0~5.6mm	0~7mm	0~10.5mm
Power Supply (Operating Voltage)	12-24VDC					
Leakage Current	Max. 10mA					
Response Frequency*	1000Hz	500Hz	500Hz	350Hz	350Hz	200Hz
Residual Voltage	Max. 1.0V					
Affection by Temp.	-25~+70°C, Max. ±10% for sensing distance at ambient temperature 20°C					
Control Output	Max. 200mA					
Insulation Resistance	Min. 50MΩ (at 500VDC megger)					
Dielectric Strength	1500VAC 50/60Hz for 1 minute					
Vibration	1mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each of X, Y, Z directions for 2 hours					
Shock	500m/s ² (approx. 50G) X, Y, Z directions for 3 times					
Indicator	Operation Indicator (Red LED)					
Ambient Temperature	-25~+70°C					
Storage Temperature	-30~+80°C					
Ambient Humidity	35~95% RH					
Protection Circuit	Surge Protection Circuit, Reverse Polarity Protection Circuit, Over Current Protection Circuit					
Material	Metal					
Cable	2m					
Approval	CE					
Protection	IP67 (IEC Standard)					

Please Note: DC 4 Wire could be considered in DC 3 Wire, as the consumer may use only 3 wire circuit i.e, NO or NC.

*The response frequency is the average value. The standard sensing target is used and the width is set as 2 times of the standard sensing target, 1/2 of the sensing distance for the distance.

Specifications ▶ AC/DC 2 Wire

Type	M12 Flush	M12 Non-Flush	M18 Flush	M18 Non-Flush	M30 Flush	M30 Non-Flush	
Models	DC	KD-12-2002-DA KD-12-2002-DB	KD-12-2004-DA KD-12-2004-DB	KD-18-2005-DA KD-18-2005-DB	KD-18-2008-DA KD-18-2008-DB	KD-30-2010-DA KD-30-2010-DB	KD-30-2015-DA KD-30-2015-DB
	AC	KD-12-2002-AA KD-12-2002-AB	KD-12-2004-AA KD-12-2004-AB	KD-18-2005-AA KD-18-2005-AB	KD-18-2008-AA KD-18-2008-AB	KD-30-2010-AA KD-30-2010-AB	KD-30-2015-AA KD-30-2015-AB
Sensing Distance	2mm	4mm	5mm	8mm	10mm	15mm	
Setting Distance	0~1.4mm	0~2.8mm	0~3.5mm	0~5.6mm	0~7mm	0~10.5mm	
Power Supply (Operating Voltage)	12-24VDC for DC 90-250VAC for AC						
Leakage Current	Max. 0.6mA for DC Max. 10mA for AC						
Response Frequency*	DC	1000Hz	500Hz	500Hz	350Hz	350Hz	200Hz
	AC	20Hz					
Residual Voltage	Max. 3.5V for DC Max. 10V for AC						
Protection Circuit	Surge Protection Circuit						

▶ Rest all DC 2 Wire & AC 2 Wire specifications are same as DC 3 Wire specification table.

*The response frequency is the average value. The standard sensing target is used and the width is set as 2 times of the standard sensing target, 1/2 of the sensing distance for the distance.

Product Appearance & Pricing ▶

Inductive Sensors - ECO SERIES

M12 Flush				M12 Non-Flush			
Sensing Distance	Models	Output	Price	Sensing Distance	Models	Output	Price
2mm	KD-12-3002-PA/NA	PNP/NPN-NO	₹450.00	4mm	KD-12-3004-PA/NA	PNP/NPN-NO	₹450.00
	KD-12-3002-PB/NB	PNP/NPN-NC	₹475.00		KD-12-3004-PB/NB	PNP/NPN-NC	₹475.00
	KD-12-3002-PC/NC	PNP/NPN-NO+NC	₹525.00		KD-12-3004-PC/NC	PNP/NPN-NO+NC	₹525.00
	KD-12-3002-AA/DA	AC/DC-NO	₹525.00		KD-12-3004-AA/DA	AC/DC-NO	₹525.00
	KD-12-3002-AB/DB	AC/DC-NC	₹625.00		KD-12-3004-AB/DB	AC/DC-NC	₹625.00

M18 Flush				M18 Non-Flush			
Sensing Distance	Models	Output	Price	Sensing Distance	Models	Output	Price
5mm	KD-12-3005-PA/NA	PNP/NPN-NO	₹450.00	8mm	KD-12-3008-PA/NA	PNP/NPN-NO	₹450.00
	KD-12-3005-PB/NB	PNP/NPN-NC	₹475.00		KD-12-3008-PB/NB	PNP/NPN-NC	₹475.00
	KD-12-3005-PC/NC	PNP/NPN-NO+NC	₹525.00		KD-12-3008-PC/NC	PNP/NPN-NO+NC	₹525.00
	KD-12-3005-AA/DA	AC/DC-NO	₹525.00		KD-12-3008-AA/DA	AC/DC-NO	₹525.00
	KD-12-3005-AB/DB	AC/DC-NC	₹625.00		KD-12-3008-AB/DB	AC/DC-NC	₹625.00

M30 Flush				M30 Non-Flush			
Sensing Distance	Models	Output	Price	Sensing Distance	Models	Output	Price
10mm	KD-30-3010-PA/NA	PNP/NPN-NO	₹725.00	15mm	KD-30-3015-PA/NA	PNP/NPN-NO	₹725.00
	KD-30-3010-PB/NB	PNP/NPN-NC	₹750.00		KD-30-3015-PB/NB	PNP/NPN-NC	₹750.00
	KD-30-3010-PC/NC	PNP/NPN-NO+NC	₹750.00		KD-30-3015-PC/NC	PNP/NPN-NO+NC	₹750.00
	KD-30-3010-AA/DA	AC/DC-NO	₹800.00		KD-30-3015-AA/DA	AC/DC-NO	₹800.00
	KD-30-3010-AB/DB	AC/DC-NC	₹825.00		KD-30-3015-AB/DB	AC/DC-NC	₹825.00

M50 Flush				M50 Non-Flush			
Sensing Distance	Models	Output	Price	Sensing Distance	Models	Output	Price
20mm	KD-50-3002-PA/NA	PNP/NPN-NO	₹000.00	30mm	KD-50-3004-PA/NA	PNP/NPN-NO	₹000.00
	KD-50-3002-PB/NB	PNP/NPN-NC	₹000.00		KD-50-3004-PB/NB	PNP/NPN-NC	₹000.00
	KD-50-3002-PC/NC	PNP/NPN-NO+NC	₹000.00		KD-50-3004-PC/NC	PNP/NPN-NO+NC	₹000.00
	KD-50-3002-AA/DA	AC/DC-NO	₹000.00		KD-50-3004-AA/DA	AC/DC-NO	₹000.00
	KD-50-3002-AB/DB	AC/DC-NC	₹000.00		KD-50-3004-AB/DB	AC/DC-NC	₹000.00

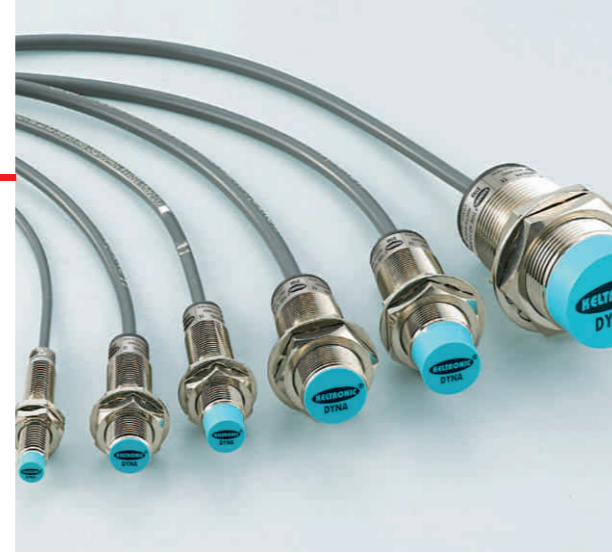
M10, M14, M16, M20, M22 and M24 are also available on request.
Long distance sensors also available.

Inductive Sensors

PREMIUM SERIES

Features

- Exclusively designed IC for improved noise resistance
- Inside surge protection, reverse polarity protection, over current protection
- Long use-life cycle and high reliability, easy install, economic price
- Red LED status indication, easy to confirm work situation
- Protection structure IP67 (IEC Standard)
- Replaceable for micro switches and limit switches



Specifications ▶ DC 3 Wire

Type	M8 Flush	M8 Non-Flush	M12 Flush	M12 Non-Flush	M18 Flush	M18 Non-Flush	M30 Flush	M30 Non-Flush
Models	KDP-8-3001-PA KDP-8-3001-NA KDP-8-3001-PB KDP-8-3001-NB	KDP-8-3002-PA KDP-8-3002-NA KDP-8-3002-PB KDP-8-3002-NB	KDP-12-3002-PA KDP-12-3002-NA KDP-12-3002-PB KDP-12-3002-NB	KDP-12-3004-PA KDP-12-3004-NA KDP-12-3004-PB KDP-12-3004-NB	KDP-18-3005-PA KDP-18-3005-NA KDP-18-3005-PB KDP-18-3005-NB	KDP-18-3008-PA KDP-18-3008-NA KDP-18-3008-PB KDP-18-3008-NB	KDP-30-3010-PA KDP-30-3010-NA KDP-30-3010-PB KDP-30-3010-NB	KDP-30-3015-PA KDP-30-3015-NA KDP-30-3015-PB KDP-30-3015-NB
Sensing Distance	1mm	2mm	2mm	4mm	5mm	8mm	10mm	15~20mm
Hysteresis	Max. 10% of Sensing Distance							
Setting Distance	0~0.8mm	0~1.4mm	0~1.4mm	0~2.8mm	0~3.5mm	0~5.6mm	0~7mm	0~10.5mm
Power Supply (Operating Voltage)	12-24VDC							
Leakage Current	Max. 10mA							
Response Frequency*	1000Hz	1000Hz	1000Hz	500Hz	500Hz	350Hz	400Hz	200Hz
Residual Voltage	Max. 1.0V							
Affection by Temp.	-25~+70°C, Max. ±10% for sensing distance at ambient temperature 20°C							
Control Output	Max. 300mA							
Insulation Resistance	Min. 50MΩ (at 500VDC megger)							
Dielectric Strength	1500VAC 50/60Hz for 1 minute							
Vibration	1mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each of X, Y, Z directions for 2 hours							
Shock	500m/s ² (approx. 50G) X, Y, Z directions for 3 times							
Indicator	Operation Indicator (Red LED)							
Ambient Temperature	-25~+70°C							
Storage Temperature	-30~+80°C							
Ambient Humidity	35~95% RH							
Protection Circuit	Surge Protection Circuit, Reverse Polarity Protection Circuit, Over Current Protection Circuit							
Material	Case/Nut: Nickel Plated Brass, Washer: Nickel Plated Iron, Sensing Surface: Heat-Resistant ABS							
Cable	2m							
Approval	CE							
Protection	IP67 (IEC Standard)							

Please Note: DC 4 Wire could be considered in DC 3 Wire, as the consumer may use only 3 wire circuit i.e, NO or NC.

*The response frequency is the average value. The standard sensing target is used and the width is set as 2 times of the standard sensing target, 1/2 of the sensing distance for the distance.

Specifications ▶ DC 2 Wire & AC 2 Wire













Type	M8 Flush	M8 Non-Flush	M12 Flush	M12 Non-Flush	M18 Flush	M18 Non-Flush	M30 Flush	M30 Non-Flush		
Models	DC		KDP-12-2002-DA KDP-12-2002-DB	KDP-12-2004-DA KDP-12-2004-DB	KDP-18-2005-DA KDP-18-2005-DB	KDP-18-2008-DA KDP-18-2008-DB	KDP-30-2010-DA KDP-30-2010-DB	KDP-30-2015-DA KDP-30-2015-DB		
	AC		KDP-8-3001-AA KDP-8-3001-AB	KDP-8-3002-AA KDP-8-3002-AB	KDP-12-2002-AA KDP-12-2002-AB	KDP-12-2004-AA KDP-12-2004-AB	KDP-18-2005-AA KDP-18-2005-AB	KDP-18-2008-AA KDP-18-2008-AB	KDP-30-2010-AA KDP-30-2010-AB	
Sensing Distance	1mm	2mm	2mm	4mm	5mm	8mm	10mm	15mm		
Setting Distance	0~0.8mm	0~1.4mm	0~1.4mm	0~2.8mm	0~3.5mm	0~5.6mm	0~7mm	0~10.5mm		
Power Supply (Operating Voltage)	12-24VDC for DC				24-250VAC for AC					
Leakage Current	Max. 0.6mA for DC				Max. 10mA for AC					
Response Frequency*	DC		1000Hz	1000Hz	1000Hz	500Hz	500Hz	350Hz	400Hz	200Hz
	AC		20Hz							
Residual Voltage	Max. 3.5V for DC				Max. 10V for AC					
Protection Circuit	Surge Protection Circuit									

▶ Rest all DC 2 Wire & AC 2 Wire specifications are same as DC 3 Wire specification table.

*The response frequency is the average value. The standard sensing target is used and the width is set as 2 times of the standard sensing target, 1/2 of the sensing distance for the distance.

Product Appearance & Pricing ▶

Inductive Sensors - PREMIUM SERIES

M3 Thread				M4 Smooth					
	Sensing Distance 0.8mm	Models KDP-3-300.8-PA/NA	Output PNP/NPN-NO	Price ₹5750.00		Sensing Distance 0.8mm	Models KDP-4-300.8-PA/NA KDP-4-300.8-PB/NB	Output PNP/NPN-NO PNP/NPN-NC	Price ₹3600.00 ₹4250.00
M5 Thread				M6 Thread					
	Sensing Distance 0.8mm	Models KDP-5-300.8-PA/NA KDP-5-300.8-PB/NB	Output PNP/NPN-NO PNP/NPN-NC	Price ₹2600.00 ₹3000.00		Sensing Distance 0.8mm	Models KDP-6-300.8-PA/NA KDP-6-300.8-PB/NB KDP-6-300.8-AA	Output PNP/NPN-NO PNP/NPN-NC AC-NO	Price ₹1950.00 ₹2000.00 ₹2200.00
M8 Flush				M8 Non-Flush					
	Sensing Distance 1mm	Models KDP-8-3001-PA/NA KDP-8-3001-PB/NB KDP-8-3001-AA/DA KDP-8-3001-AB/DB	Output PNP/NPN-NO PNP/NPN-NC AC/DC-NO AC/DC-NC	Price ₹725.00 ₹750.00 ₹800.00 ₹825.00		Sensing Distance 2mm	Models KDP-8-3002-PA/NA KDP-8-3002-PB/NB KDP-8-3002-AA/DA KDP-8-3002-AB/DB	Output PNP/NPN-NO PNP/NPN-NC AC/DC-NO AC/DC-NC	Price ₹725.00 ₹750.00 ₹800.00 ₹825.00
M12 Flush				M12 Non-Flush					
	Sensing Distance 2mm	Models KDP-12-3002-PA/NA KDP-12-3002-PB/NB KDP-12-3002-PC/NC KDP-12-2002-AA/DA KDP-12-2002-AB/DB	Output PNP/NPN-NO PNP/NPN-NC PNP/NPN-NO+NC AC/DC-NO AC/DC-NC	Price ₹625.00 ₹650.00 ₹650.00 ₹700.00 ₹750.00		Sensing Distance 4mm	Models KDP-12-3004-PA/NA KDP-12-3004-PB/NB KDP-12-3004-PC/NC KDP-12-2004-AA/DA KDP-12-2004-AB/DB	Output PNP/NPN-NO PNP/NPN-NC PNP/NPN-NO+NC AC/DC-NO AC/DC-NC	Price ₹625.00 ₹650.00 ₹650.00 ₹700.00 ₹750.00
M18 Flush				M18 Non-Flush					
	Sensing Distance 5mm	Models KDP-18-3005-PA/NA KDP-18-3005-PB/NB KDP-18-3005-PC/NC KDP-18-2005-AA/DA KDP-18-2005-AB/DB	Output PNP/NPN-NO PNP/NPN-NC PNP/NPN-NO+NC AC/DC-NO AC/DC-NC	Price ₹625.00 ₹650.00 ₹650.00 ₹700.00 ₹750.00		Sensing Distance 8mm	Models KDP-18-3008-PA/NA KDP-18-3008-PB/NB KDP-18-3008-PC/NC KDP-18-2008-AA/DA KDP-18-2008-AB/DB	Output PNP/NPN-NO PNP/NPN-NC PNP/NPN-NO+NC AC/DC-NO AC/DC-NC	Price ₹625.00 ₹650.00 ₹650.00 ₹700.00 ₹750.00
M30 Flush				M30 Non-Flush					
	Sensing Distance 10mm	Models KDP-30-3010-PA/NA KDP-30-3010-PB/NB KDP-30-3010-PC/NC KDP-30-2010-AA/DA KDP-30-2010-AB/DB	Output PNP/NPN-NO PNP/NPN-NC PNP/NPN-NO+NC AC/DC-NO AC/DC-NC	Price ₹875.00 ₹900.00 ₹900.00 ₹950.00 ₹1100.00		Sensing Distance 15~20mm	Models KDP-30-3015-PA/NA KDP-30-3015-PB/NB KDP-30-3015-PC/NC KDP-30-2015-AA/DA KDP-30-2015-AB/DB	Output PNP/NPN-NO PNP/NPN-NC PNP/NPN-NO+NC AC/DC-NO AC/DC-NC	Price ₹875.00 ₹900.00 ₹900.00 ₹950.00 ₹1100.00

Long distance sensors also available.

Inductive Sensors

CONNECTOR SERIES

Features

- Exclusively designed IC for improved noise resistance
- Inside surge protection, reverse polarity protection, over current protection
- Long use-life cycle and high reliability, easy install, economic price
- Red LED status indication, easy to confirm work situation
- Protection structure IP67 (IEC Standard)
- Replaceable for micro switches and limit switches



Specifications ▶ DC 3 Wire (Table 1)

Type	M8 Flush	M8 Non-Flush	M12 Flush	M12 Non-Flush
Models	KDP-8-3001-PAT KDP-8-3001-NAT KDP-8-3001-PBT KDP-8-3001-NBT KDP-8-3001-PBT (12mm) KDP-8-3001-NBT (12mm)	KDP-8-3002-PAT KDP-8-3002-NAT KDP-8-3002-PBT KDP-8-3002-NBT KDP-8-3002-PBT (12mm) KDP-8-3002-NBT (12mm)	KDP-12-3001-PAT KDP-12-3001-NAT KDP-12-3001-PBT KDP-12-3001-NBT	KDP-12-3002-PAT KDP-12-3002-NAT KDP-12-3002-PBT KDP-12-3002-NBT
Sensing Distance	1mm	2mm	2mm	4mm
Hysteresis	Max. 10% of Sensing Distance			
Setting Distance	0~0.8mm	0~1.4mm	0~1.4mm	0~2.8mm
Power Supply (Operating Voltage)	12-24VDC			
Leakage Current	Max. 10mA			
Response Frequency*	1000Hz	1000Hz	1000Hz	500Hz
Residual Voltage	Max. 1.0V			
Affection by Temp.	-25~+70°C, Max. ±10% for sensing distance at ambient temperature 20°C			
Control Output	Max. 300mA			
Insulation Resistance	Min. 50MΩ (at 500VDC megger)			
Dielectric Strength	1500VAC 50/60Hz for 1 minute			
Vibration	1mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each of X, Y, Z directions for 2 hours			
Shock	500m/s ² (approx. 50G) X, Y, Z directions for 3 times			
Indicator	Operation Indicator (Red LED)			
Ambient Temperature	-25~+70°C			
Storage Temperature	-30~+80°C			
Ambient Humidity	35~95% RH			
Protection Circuit	Surge Protection Circuit, Reverse Polarity Protection Circuit, Over Current Protection Circuit			
Material	Metal			
Approval	CE			
Protection	IP67 (IEC Standard)			

*The response frequency is the average value. The standard sensing target is used and the width is set as 2 times of the standard sensing target, 1/2 of the sensing distance for the distance.



Specifications ▶ DC 3 Wire (Table 2)



Type	M18 Flush	M18 Non-Flush	M30 Flush	M30 Non-Flush
Models	KDP-18-3005-PAT KDP-18-3005-NAT KDP-18-3005-PBT KDP-18-3005-NBT	KDP-18-3008-PAT KDP-18-3008-NAT KDP-18-3008-PBT KDP-18-3008-NBT	KDP-30-3010-PAT KDP-30-3010-NAT KDP-30-3010-PBT KDP-30-3010-NBT	KDP-30-3015-PAT KDP-30-3015-NAT KDP-30-3015-PBT KDP-30-3015-NBT
Sensing Distance	5mm	8mm	10mm	15~20mm
Setting Distance	0~3.5mm	0~5.6mm	0~7mm	0~10.5mm
Response Frequency*	500Hz	350Hz	400Hz	200Hz



▶ Rest all DC 3 Wire (Table 2) specifications are same as DC 3 Wire (Table 1) specifications.


*The response frequency is the average value. The standard sensing target is used and the width is set as 2 times of the standard sensing target, 1/2 of the sensing distance for the distance.

Product Appearance & Pricing ▶

M8 Flush		M8 Non-Flush			
	Sensing Distance 1mm		Sensing Distance 2mm		
Models	Output	Price	Models	Output	Price
KDP-8-3001-PAT	PNP-NO	₹1575.00	KDP-8-3002-PAT	PNP-NO	₹1575.00
KDP-8-3001-NAT	NPN-NO	₹1575.00	KDP-8-3002-NAT	NPN-NO	₹1575.00
KDP-8-3001-PBT	PNP-NC	₹1625.00	KDP-8-3002-PBT	PNP-NC	₹1625.00
KDP-8-3001-NBT	NPN-NC	₹1625.00	KDP-8-3002-NBT	NPN-NC	₹1625.00
KDP-8-3001-PBT (12mm)	PNP-NC	₹1700.00	KDP-8-3002-PBT (12mm)	PNP-NC	₹1700.00
KDP-8-3001-NBT (12mm)	NPN-NC	₹1700.00	KDP-8-3002-NBT (12mm)	NPN-NC	₹1700.00

M12 Flush		M12 Non-Flush			
	Sensing Distance 2mm		Sensing Distance 4mm		
Models	Output	Price	Models	Output	Price
KDP-12-3001-PAT	PNP-NO	₹1250.00	KDP-12-3002-PAT	PNP-NO	₹1250.00
KDP-12-3001-NAT	NPN-NO	₹1250.00	KDP-12-3002-NAT	NPN-NO	₹1250.00
KDP-12-3001-PBT	PNP-NC	₹1450.00	KDP-12-3002-PBT	PNP-NC	₹1450.00
KDP-12-3001-NBT	NPN-NC	₹1450.00	KDP-12-3002-NBT	NPN-NC	₹1450.00

M18 Flush		M18 Non-Flush			
	Sensing Distance 5mm		Sensing Distance 8mm		
Models	Output	Price	Models	Output	Price
KDP-18-3005-PAT	PNP-NO	₹1250.00	KDP-18-3008-PAT	PNP-NO	₹1250.00
KDP-18-3005-NAT	NPN-NO	₹1250.00	KDP-18-3008-NAT	NPN-NO	₹1250.00
KDP-18-3005-PBT	PNP-NC	₹1450.00	KDP-18-3008-PBT	PNP-NC	₹1450.00
KDP-18-3005-NBT	NPN-NC	₹1450.00	KDP-18-3008-NBT	NPN-NC	₹1450.00

M30 Flush		M30 Non-Flush			
	Sensing Distance 10mm		Sensing Distance 15~20mm		
Models	Output	Price	Models	Output	Price
KDP-30-3010-PAT	PNP-NO	₹1550.00	KDP-30-3015-PAT	PNP-NO	₹1550.00
KDP-30-3010-NAT	NPN-NO	₹1550.00	KDP-30-3015-NAT	NPN-NO	₹1550.00
KDP-30-3010-PBT	PNP-NC	₹1800.00	KDP-30-3015-PBT	PNP-NC	₹1800.00
KDP-30-3010-NBT	NPN-NC	₹1800.00	KDP-30-3015-NBT	NPN-NC	₹1800.00

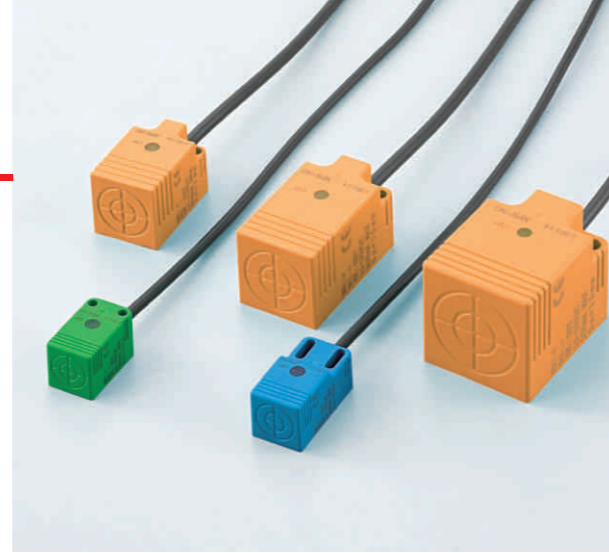
M3, M4, M5 and M6 are also available on request.
Long distance sensors also available.

Inductive Sensors

RECTANGULAR SERIES

Features

- Inside surge protection, reverse polarity protection, over current protection
- Long use-life cycle and high reliability, easy install, economic price
- Red LED status indication, easy to confirm work situation
- Protection structure IP67 (IEC Standard)
- Replaceable for micro switches and limit switches



Specifications ▶ DC 3 Wire

Type	High-End	High-End	Standard	Standard	Standard	Standard
Models	KD-PS-05-PA KD-PS-05-NA KD-PS-05-PB KD-PS-05-NB	KD-PS-04-PA KD-PS-04-NA KD-PS-04-PB KD-PS-04-NB	KD-TL-Q5-MBA-Z KD-TL-Q5-MCA-Z KD-TL-Q5-MBB-Z KD-TL-Q5-MCB-Z	KD-TL-N5-MF-A KD-TL-N5-ME-A	KD-TL-N10-MB-A KD-TL-N10-ME-A	KD-TL-N20-MB-A KD-TL-N20-ME-A
Sensing Distance	5mm	5mm	5mm	5mm	8mm	12mm
Hysteresis	Max. 10% of Sensing Distance					
Setting Distance	0~3.5mm	0~3.5mm	0~3.5mm	0~3.5mm	0~5.5mm	0~7.5mm
Power Supply (Operating Voltage)	12-24VDC (10-30VDC)					
Leakage Current	Max. 10mA					
Response Frequency*	400Hz	500Hz	400Hz	200Hz	350Hz	250Hz
Residual Voltage	Max. 1.0V					
Affection by Temp.	-25~+70°C, Max. ±10% for sensing distance at ambient temperature 20°C					
Control Output	Max. 200mA					
Insulation Resistance	Min. 50MΩ (at 500VDC megger)					
Dielectric Strength	1500VAC 50/60Hz for 1 minute					
Vibration	1mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each of X, Y, Z directions for 2 hours					
Shock	500m/s ² (approx. 50G) X, Y, Z directions for 3 times					
Indicator	Operation Indicator (Red LED)					
Ambient Temperature	-25~+70°C					
Storage Temperature	-30~+80°C					
Ambient Humidity	35~95% RH					
Protection Circuit	Surge Protection Circuit, Reverse Polarity Protection Circuit, Over Current Protection Circuit					
Material	Plastic					
Cable	2m					
Approval	CE					
Protection	IP67 (IEC Standard)					

*The response frequency is the average value. The standard sensing target is used and the width is set as 2 times of the standard sensing target, 1/2 of the sensing distance for the distance.

Specifications ▶ AC 2 Wire


Type	High-End	High-End	Standard
Models	KD-PS-05-AA	KD-SN-04-AA	KD-TL-Q5-MYA-Z
Sensing Distance	5mm	5mm	5mm
Setting Distance	0~3.5mm	0~3.5mm	0~3.5mm
Power Supply (Operating Voltage)	100-240VAC (86-264VDC)		
Leakage Current	Max. 10V		
Response Frequency*	20Hz		
Residual Voltage	3.5V		
Protection Circuit	Surge Protection Circuit		

▶ Rest all AC 2 Wire specifications are same as DC 3 Wire specification table.

*The response frequency is the average value. The standard sensing target is used and the width is set as 2 times of the standard sensing target, 1/2 of the sensing distance for the distance.

Product Appearance & Pricing ▶


17x17x28mm



Sensing Distance
5mm

Models	Output	Price
KD-PS-05-PA	PNP-NO	₹550.00
KD-PS-05-NA	NPN-NO	₹550.00
KD-PS-05-PB	PNP-NC	₹575.00
KD-PS-05-NB	NPN-NC	₹575.00
KD-PS-05-AA	AC-NO	₹675.00


18x18x36mm



Sensing Distance
5mm

Models	Output	Price
KD-PS-04-PA	PNP-NO	₹550.00
KD-PS-04-NA	NPN-NO	₹550.00
KD-PS-04-PB	PNP-NC	₹575.00
KD-PS-04-NB	NPN-NC	₹575.00
KD-SN-04-AA	AC-NO	₹675.00


17x17x28mm



Sensing Distance
5mm

Models	Output	Price
KD-TL-Q5-MBA-Z	PNP-NO	₹550.00
KD-TL-Q5-MCA-Z	NPN-NO	₹550.00
KD-TL-Q5-MBB-Z	PNP-NC	₹575.00
KD-TL-Q5-MCB-Z	NPN-NC	₹575.00
KD-TL-Q5-MYA-Z	AC-NO	₹675.00


26x26x40mm



Sensing Distance
5mm

Models	Output	Price
KD-TL-N5-MF-A	PNP-NO	₹1200.00
KD-TL-N5-ME-A	NPN-NO	₹1200.00


31x31x52mm



Sensing Distance
8mm

Models	Output	Price
KD-TL-N10-MB-A	PNP-NO	₹1300.00
KD-TL-N10-ME-A	NPN-NO	₹1300.00

40x40x51mm



Sensing Distance
12mm

Models	Output	Price
KD-TL-N20-MB-A	PNP-NO	₹1325.00
KD-TL-N20-ME-A	NPN-NO	₹1375.00

AC 2 Wire also available on request.

Capacitive Sensors

CKDP SERIES



Features

- Inside surge protection, reverse polarity protection
- Long use-life cycle and high reliability, easy install, economic price
- Red LED status indication, easy to confirm work situation
- Protection structure IP65 (IEC Standard)

Specifications ▶ DC 4 Wire

Type	M8 Flush	M8 Non-Flush	M12 Flush	M12 Non-Flush	M18 Flush	M18 Non-Flush	M30 Flush	M30 Non-Flush
Models	CKDP-8-3001-PC CKDP-8-3001-NC	CKDP-8-3002-PC CKDP-8-3002-NC	CKDP-12-3002-PC CKDP-12-3002-NC	CKDP-12-3004-PC CKDP-12-3004-NC	CKDP-18-3005-PC CKDP-18-3005-NC	CKDP-18-3008-PC CKDP-18-3008-NC	CKDP-30-3010-PC CKDP-30-3010-NC	CKDP-30-3015-PC CKDP-30-3015-NC
Sensing Distance	1mm	2mm	2mm	4mm	5mm	8mm	10mm	15mm
Hysteresis	Max. 10% of Sensing Distance							
Setting Distance	0~0.7mm	0~1.4mm	0~1.4mm	0~2.8mm	0~3.5mm	0~5.6mm	0~7mm	0~10.5mm
Power Supply (Operating Voltage)	12-24VDC							
Leakage Current	Max. 10mA							
Response Frequency*	50Hz							
Residual Voltage	Max. 1.0V							
Affection by Temp.	-25~+60°C, Max. ±10% for sensing distance at ambient temperature 20°C							
Control Output	Max. 300mA							
Insulation Resistance	Min. 50MΩ (at 500VDC megger)							
Dielectric Strength	1500VAC 50/60Hz for 1 minute							
Vibration	1mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each of X, Y, Z directions for 2 hours							
Shock	500m/s ² (approx. 50G) X, Y, Z directions for 3 times							
Indicator	Operation Indicator (Red LED)							
Ambient Temperature	-25~+60°C (No Icing)							
Storage Temperature	-30~+80°C (No Icing)							
Ambient Humidity	35~95% RH (No Condensation)							
Protection Circuit	Surge Protection Circuit, Over Current Protection Circuit							
Material	Metal							
Cable	2m							
Approval	CE							
Protection	IP67 (IEC Standard)							

Specifications ▶ AC 2 Wire

Type	M12 Flush	M12 Non-Flush	M18 Flush	M18 Non-Flush	M30 Flush	M30 Non-Flush
Models	CKDP-12-3002-AA	CKDP-12-3004-AA	CKDP-18-3005-AA	CKDP-18-3008-AA	CKDP-30-3010-AA	CKDP-30-3015-AA
Sensing Distance	2mm	4mm	5mm	8mm	10mm	15mm
Setting Distance	0~1.4mm	0~2.8mm	0~3.5mm	0~5.6mm	0~7mm	0~10.5mm
Power Supply (Operating Voltage)	90-250VAC					

▶ Rest all AC 2 Wire specifications are same as DC 4 Wire specification table.

Product Appearance & Pricing ▶

M8 Flush				M8 Non-Flush					
	Sensing Distance 1mm	Models CKDP-8-3001-PC CKDP-8-3001-NC	Output PNP-NO+NC NPN-NO+NC	Price ₹3800.00 ₹3800.00		Sensing Distance 2mm	Models CKDP-8-3002-PC CKDP-8-3002-NC	Output PNP-NO+NC NPN-NO+NC	Price ₹3600.00 ₹3600.00
M12 Flush				M12 Non-Flush					
	Sensing Distance 2mm	Models CKDP-12-3002-PC CKDP-12-3002-NC CKDP-12-3002-AA	Output PNP-NO+NC NPN-NO+NC AC-NO	Price ₹1825.00 ₹1825.00 ₹1975.00		Sensing Distance 4mm	Models CKDP-12-3004-PC CKDP-12-3004-NC CKDP-12-3004-AA	Output PNP-NO+NC NPN-NO+NC AC-NO	Price ₹1825.00 ₹1825.00 ₹1975.00
M18 Flush				M18 Non-Flush					
	Sensing Distance 5mm	Models CKDP-18-3005-PC CKDP-18-3005-NC CKDP-18-3005-AA	Output PNP-NO+NC NPN-NO+NC AC-NO	Price ₹1550.00 ₹1550.00 ₹1750.00		Sensing Distance 8mm	Models CKDP-18-3008-PC CKDP-18-3008-NC CKDP-18-3008-AA	Output PNP-NO+NC NPN-NO+NC AC-NO	Price ₹1550.00 ₹1550.00 ₹1750.00
M30 Flush				M30 Non-Flush					
	Sensing Distance 10mm	Models CKDP-30-3010-PC CKDP-30-3010-NC CKDP-30-3010-AA	Output PNP-NO+NC NPN-NO+NC AC-NO	Price ₹1725.00 ₹1725.00 ₹2100.00		Sensing Distance 15mm	Models CKDP-30-3015-PC CKDP-30-3015-NC CKDP-30-3015-AA	Output PNP-NO+NC NPN-NO+NC AC-NO	Price ₹1725.00 ₹1725.00 ₹2100.00

Photoelectric Sensors

GKDPE SERIES

Features

- Inside surge protection, reverse polarity protection
- Long use-life cycle and high reliability, easy install, economic price
- Red LED status indication, easy to confirm work situation
- Protection structure IP65 (IEC Standard)



Specifications ▶ Table 1

Type	M12 Diffuse	M12 Retro Reflector	M18 Diffuse	M18 Retro Reflector	M30 Diffuse	M30 Retro Reflector
Models	GKDPE-12-3A10-PC GKDPE-12-3A10-NC	GKDPE-12-3B10-PC GKDPE-12-3B10-NC	GKDPE-18-3A30-PC GKDPE-18-3A30-NC	GKDPE-18-3B-2-PC GKDPE-18-3B-2-NC	GKDPE-30-3A70-PC GKDPE-30-3A70-NC	GKDPE-30-3B-4-PC GKDPE-30-3B-4-NC
Sensing Distance	0~10cm (Adjustable)	1m	10~30cm (Adjustable)	2m	50~70cm (Adjustable)	4m
Hysteresis	3-20% of Sensing Distance					
Consumption Current	25mA					
Power Supply (Operating Voltage)	10-30DC / 90-250VAC					
Response Time	<8.2ms					
Residual Voltage	DC Max. 1.0V / AC Max. 10V					
Affection by Temp.	-25~55°C, Max. ±10% for sensing distance at ambient temperature 20°C					
Control Output	Max. 200mA					
Insulation Resistance	Min. 50MΩ (at 500VDC megger)					
Dielectric Strength	1500VAC 50/60Hz for 1 minute					
Vibration	1mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each of X, Y, Z directions for 2 hours					
Shock	500m/s ² (approx. 50G) X, Y, Z directions for 3 times					
Indicator	Operation Indicator (Red LED)					
Ambient Temperature	-15~+55°C					
Storage Temperature	-15~+55°C					
Ambient Humidity	35~95% RH					
Protection Circuit	Surge Protection Circuit, Over Current Protection Circuit					
Material	Metal					
Cable	2m					
Approval	CE					
Protection	IP67 (IEC Standard)					

8mm Dia also available on request.

Specifications ▶ Table 2

Type	M12 Through Beam	M18 Through Beam	M30 Through Beam
Models	GKDPE-12-3C-3-PC GKDPE-12-3C-3-NC	GKDPE-18-3C-5-PC GKDPE-18-3C-5-NC	GKDPE-30-3C10-PC GKDPE-30-3C10-NC
Sensing Distance	3m	5m	10m
Hysteresis	3-20% of Sensing Distance		
Light Source	LED		

▶ Rest Table 2 specifications are same as Table 1 specification.

8mm Dia also available on request.

Product Appearance & Pricing ▶

M18 Diffuse - Type A



Sensing Distance
10~30cm
(Adjustable)

Models	Output	Price
GKDPE-18-3A30-PC	PNP-NO+NC	₹1380.00
GKDPE-18-3A30-NC	NPN-NO+NC	₹1380.00
GKDPE-30-2A30-AA	AC-NO	₹1625.00

M18 Retro Reflector - Type A



Sensing Distance
2m

Models	Output	Price
GKDPE-18-3B-2-PC	PNP-NO+NC	₹1625.00
GKDPE-18-3B-2-NC	NPN-NO+NC	₹1625.00

M18 Through Beam - Type A



Sensing Distance
5m

Models	Output	Price
GKDPE-18-3C-5-PC	PNP-NO+NC	₹1975.00
GKDPE-18-3C-5-NC	NPN-NO+NC	₹1975.00

M30 Diffuse - Type A



Sensing Distance
50~70mm
(Adjustable)

Models	Output	Price
GKDPE-30-3A70-PC	PNP-NO+NC	₹1875.00
GKDPE-30-3A70-NC	NPN-NO+NC	₹1875.00
GKDPE-30-2A70-AA	AC-NO	₹2025.00

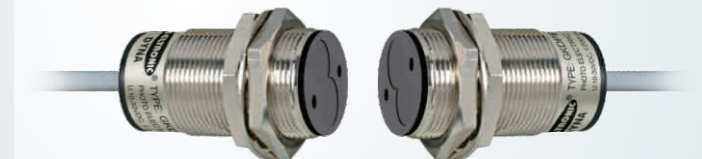
M30 Retro Reflector - Type A



Sensing Distance
4m

Models	Output	Price
GKDPE-30-3B-4-PC	PNP-NO+NC	₹2025.00
GKDPE-30-3B-4-NC	NPN-NO+NC	₹2025.00

M30 Through Beam - Type A



Sensing Distance
10m

Models	Output	Price
GKDPE-30-3C10-PC	PNP-NO+NC	₹2700.00
GKDPE-30-3C10-NC	NPN-NO+NC	₹2700.00

Type-B also available on request. 8mm and 12mm Dia also available on request.

Photoelectric Sensors

GKDP SERIES

Features

- Inside surge protection, reverse polarity protection
- Long use-life cycle and high reliability, easy install, economic price
- Red LED status indication, easy to confirm work situation
- Protection structure IP65 (IEC Standard)



Specifications ▶ Table 1

Type	M12 Diffuse	M12 Retro Reflector	M18 Diffuse	M18 Retro Reflector	M30 Diffuse	M30 Retro Reflector
Models	GKDP-12-3A10-PC GKDP-12-3A10-NC	GKDP-12-3B10-PC GKDP-12-3B10-NC	GKDP-18-3A30-PC GKDP-18-3A30-NC	GKDP-18-3B-2-PC GKDP-18-3B-2-NC	GKDP-30-3A70-PC GKDP-30-3A70-NC	GKDP-30-3B-4-PC GKDP-30-3B-4-NC
Sensing Distance	0~10cm (Adjustable)	1m	10~30cm (Adjustable)	2m	50~70cm (Adjustable)	4m
Hysteresis	3-20% of Sensing Distance					
Consumption Current	25mA					
Power Supply (Operating Voltage)	10-30DC / 90-250VAC					
Response Time	<8.2ms					
Residual Voltage	DC Max. 1.0V / AC Max. 10V					
Affection by Temp.	-25~55°C, Max. ±10% for sensing distance at ambient temperature 20°C					
Control Output	Max. 200mA					
Insulation Resistance	Min. 50MΩ (at 500VDC megger)					
Dielectric Strength	1500VAC 50/60Hz for 1 minute					
Vibration	1mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each of X, Y, Z directions for 2 hours					
Shock	500m/s ² (approx. 50G) X, Y, Z directions for 3 times					
Indicator	Operation Indicator (Red LED)					
Ambient Temperature	-15~+55°C					
Storage Temperature	-15~+55°C					
Ambient Humidity	35~95% RH					
Protection Circuit	Surge Protection Circuit, Over Current Protection Circuit					
Material	Plastic					
Cable	2m					
Approval	CE					
Protection	IP67 (IEC Standard)					

8mm Dia also available on request.

Specifications ▶ Table 2

Type	M12 Through Beam	M18 Through Beam	M30 Through Beam
Models	GKDP-12-3C-3-PC GKDP-12-3C-3-NC	GKDP-18-3C-5-PC GKDP-18-3C-5-NC	GKDP-30-3C10-PC GKDP-30-3C10-NC
Sensing Distance	3m	5m	10m
Hysteresis	3-20% of Sensing Distance		
Light Source	LED		

▶ Rest Table 2 specifications are same as Table 1 specification.

8mm Dia also available on request.

Product Appearance & Pricing ▶

Photoelectric Sensors - GKDP SERIES

M18 Diffuse - Type A



Sensing Distance
10~30cm
(Adjustable)

Models	Output	Price
GKDP-18-3A30-PC	PNP-NO+NC	₹1200.00
GKDP-18-3A30-NC	NPN-NO+NC	₹1200.00
GKDP-30-2A30-AA	AC-NO	₹1475.00

M18 Retro Reflector - Type A



Sensing Distance
2m

Models	Output	Price
GKDP-18-3B-2-PC	PNP-NO+NC	₹1475.00
GKDP-18-3B-2-NC	NPN-NO+NC	₹1475.00

M18 Through Beam - Type A



Sensing Distance
5m

Models	Output	Price
GKDP-18-3C-5-PC	PNP-NO+NC	₹1800.00
GKDP-18-3C-5-NC	NPN-NO+NC	₹1800.00

M30 Diffuse - Type A



Sensing Distance
50~70cm
(Adjustable)

Models	Output	Price
GKDP-30-3A70-PC	PNP-NO+NC	₹1600.00
GKDP-30-3A70-NC	NPN-NO+NC	₹1600.00
GKDP-30-2A70-AA	AC-NO	₹1975.00

M30 Retro Reflector - Type A



Sensing Distance
4m

Models	Output	Price
GKDP-30-3B-4-PC	PNP-NO+NC	₹1975.00
GKDP-30-3B-4-NC	NPN-NO+NC	₹1975.00

M30 Through Beam - Type A



Sensing Distance
10m

Models	Output	Price
GKDP-30-3C10-PC	PNP-NO+NC	₹2100.00
GKDP-30-3C10-NC	NPN-NO+NC	₹2100.00

Type-B also available on request. 8mm and 12mm Dia also available on request.

Photoelectric Sensors

SQUARE SERIES

Features

- Inside surge protection, reverse polarity protection
- Long use-life cycle and high reliability, easy install, economic price
- Red LED status indication, easy to confirm work situation
- Protection structure IP65 (IEC Standard)



Specifications ▶ Table 1

Type	G30 Diffuse (Omron Type)	G30 Retro Reflector (Omron Type)	G50 Diffuse (Omron Type)	G50 Retro Reflector (Omron Type)	Ben Series Diffuse	Ben Series Retro Reflector
Models	GKDP-30-XXXX-PC GKDP-30-XXXX-NC	GKDP-30-XXXX-PC GKDP-30-XXXX-NC	GKDP-50-3A30-PC GKDP-50-3A30-NC	GKDP-50-3B4-PC GKDP-50-3B4-NC	GKDP-BEN300-DDT-PC GKDP-BEN300-DDT-NC	GKDP-BEN5M-MDT-PC GKDP-BEN5M-MDT-NC
Sensing Distance	20~100cm	3~5cm	30~50cm (Adjustable)	4m	0~30cm (Adjustable)	5m
Hysteresis	3-20% of Sensing Distance					
Consumption Current	25mA					
Power Supply (Operating Voltage)	10-30DC / 90-250VAC					
Response Time	<8.2ms					
Residual Voltage	Max. 3.2V					
Affection by Temp.	-25~55°C, Max. ±10% for sensing distance at ambient temperature 20°C					
Control Output	Max. 200mA					
Insulation Resistance	Min. 50MΩ (at 500VDC megger)					
Dielectric Strength	1500VAC 50/60Hz for 1 minute					
Vibration	1mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each of X, Y, Z directions for 2 hours					
Shock	500m/s ² (approx. 50G) X, Y, Z directions for 3 times					
Indicator	Operation Indicator (Red LED)					
Ambient Temperature	-15~+55°C					
Storage Temperature	-15~+55°C					
Ambient Humidity	35~95% RH					
Protection Circuit	Surge Protection Circuit, Over Current Protection Circuit					
Material	Plastic					
Cable	2m					
Approval	CE					
Protection	IP67 (IEC Standard)					

G70 model also available on request.

Specifications ▶ Table 2

Type	G30 Through Beam (Omron Type)	G50 Through Beam (Omron Type)	Ben Series Through Beam
Models	GKDP-30-XXX-PC GKDP-30-XXX-NC	GKDP-50-3C-5-PC GKDP-50-3C-5-NC	GKDP-BEN-10M-TDT-PC GKDP-BEN-10M-TDT-NC
Sensing Distance	10m	5m	10m
Hysteresis	3-20% of Sensing Distance		
Light Source	Infrared LED (800NM)		

▶ Rest Table 2 specifications are same as Table 1 specification.

G70 model also available on request.

Product Appearance & Pricing ▶

Photoelectric Sensors - SQUARE SERIES

G50 Diffuse



Sensing Distance
30~50cm
(Adjustable)

Models
GKDP-50-3A30-PC
GKDP-50-3A30-NC

Output
PNP-NO+NC
NPN-NO+NC

Price
₹2600.00
₹2600.00

G50 Retro Reflector



Sensing Distance
4m

Models
GKDP-50-3B4-PC
GKDP-50-3B4-NC

Output
PNP-NO+NC
NPN-NO+NC

Price
₹2800.00
₹2800.00

G50 Through Beam



Sensing Distance
5m

Models
GKDP-50-3C-5-PC
GKDP-50-3C-5-NC

Output
PNP-NO+NC
NPN-NO+NC

Price
₹3800.00
₹3800.00

Ben Series Diffuse



Sensing Distance
0~30cm
(Adjustable)

Models
GKDP-BEN300-DDT-PC
GKDP-BEN300-DDT-NC

Output
PNP-NO+NC
NPN-NO+NC

Price
₹2900.00
₹2900.00

Ben Series Retro Reflector



Sensing Distance
5m

Models
GKDP-BEN5M-MDT-PC
GKDP-BEN5M-MDT-NC

Output
PNP-NO+NC
NPN-NO+NC

Price
₹3200.00
₹3200.00

Ben Series Through Beam



Sensing Distance
10m

Models
GKDP-BEN-10M-TDT-PC
GKDP-BEN-10M-TDT-NC

Output
PNP-NO+NC
NPN-NO+NC

Price
₹4200.00
₹4200.00

G70 (Omron Type), G50 & G70 (Autonics Type) are also available on request.

Proximity Sensors

FLAT SERIES

SHORT & LONG DISTANCE SENSING

Features

- Inside surge protection, reverse polarity protection
- Long use-life cycle and high reliability, easy install, economic price
- Red LED status indication, easy to confirm work situation
- Protection structure IP65 (IEC Standard)



Specifications

Models	KDF-10-05-PA KDF-10-05-NA KDF-10-05-PB KDF-10-05-NB KDF-10-05-AA KDF-10-05-AB	KDF-11-05-PA KDF-11-05-NA KDF-11-05-PB KDF-11-05-NB KDF-11-05-AA KDF-11-05-AB	KDF-12-07-PA KDF-12-07-NA KDF-12-07-PB KDF-12-07-NB KDF-12-07-AA KDF-12-07-AB	KDF-40X-20-PA KDF-40X-20-NA KDF-40X-20-PB KDF-40X-20-NB KDF-40X-20-AA KDF-40X-20-AB	KDF-40Y-20-PA KDF-40Y-20-NA KDF-40Y-20-PB KDF-40Y-20-NB KDF-40Y-20-AA KDF-40Y-20-AB	KDF-80-50-PA KDF-80-50-NA KDF-80-50-PB KDF-80-50-NB KDF-80-50-AA KDF-80-50-AB
Sensing Distance	5mm	5mm	7mm	20mm	20mm	50mm
Hysteresis	Max 10% of Sensing Distance					
Power Supply (Operating Voltage)	10-30VDC / 24-240VAC					
Leakage Current	10mA					
Response Frequency	200Hz					
Residual Voltage	DC: Max 1.0V / AC: Max 10V					
Affection by Temp.	-25~ +60°C, Max. ±10% for sensing distance at ambient temperature 20°C					
Control Output	5~200mA					
Insulation Resistance	Min. 50MΩ (at 500VDC megger)					
Dielectric Strength	1500VAC 50/60Hz for 1 minute					
Vibration	1mm amplitude at frequency of 10 to 55Hz (for 1 min.) in each of X, Y, Z directions for 2 hours					
Shock	500m/s ² (approx. 50G) X, Y, Z directions for 3 times					
Indicator	Operation Indicator (Red LED)					
Ambient Temperature	-25~ +70°C (No Icing)					
Storage Temperature	-30~ +80°C (No Icing)					
Ambient Humidity	35~95% RH					
Protection Circuit	Surge Protection Circuit, Over Current Protection Circuit					
Material	Metal					
Cable	2m					
Approval	CE					
Protection	IP67 (IEC Standard)					

Product Appearance & Pricing ▶

Proximity Sensors - FLAT SERIES

Short Distance Sensor

Sensing Distance
5mm

Models	Output	Price
KDF-10-05-PA/NA	PNP/NPN-NO	₹000.00
KDF-10-05-PB/NB	PNP/NPN-NC	₹000.00
KDF-10-05-AA/AB	AC-NO/NC	₹000.00

Short Distance Sensor

Sensing Distance
5mm

Models	Output	Price
KDF-11-05-PA/NA	PNP/NPN-NO	₹000.00
KDF-11-05-PB/NB	PNP/NPN-NC	₹000.00
KDF-11-05-AA/AB	AC-NO/NC	₹000.00

Short Distance Sensor

Sensing Distance
7mm

Models	Output	Price
KDF-10-07-PA/NA	PNP/NPN-NO	₹000.00
KDF-10-07-PB/NB	PNP/NPN-NC	₹000.00
KDF-10-07-AA/AB	AC-NO/NC	₹000.00

Long Distance Sensor

Sensing Distance
20mm

Models	Output	Price
KDF-40X-20-PA/NA	PNP/NPN-NO	₹000.00
KDF-40X-20-PB/NB	PNP/NPN-NC	₹000.00
KDF-40X-20-AA/AB	AC-NO/NC	₹000.00

Long Distance Sensor

Sensing Distance
20mm

Models	Output	Price
KDF-40Y-20-PA/NA	PNP/NPN-NO	₹000.00
KDF-40Y-20-PB/NB	PNP/NPN-NC	₹000.00
KDF-40Y-20-AA/AB	AC-NO/NC	₹000.00

Long Distance Sensor

Sensing Distance
50mm

Models	Output	Price
KDF-80-50-PA/NA	PNP/NPN-NO	₹000.00
KDF-80-50-PB/NB	PNP/NPN-NC	₹000.00
KDF-80-50-AA/AB	AC-NO/NC	₹000.00

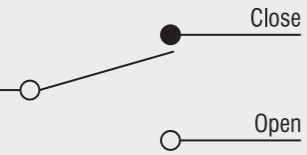
Foot Switches

Features







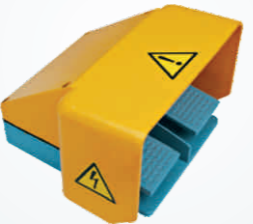


- Metal series shell
- Plastic series shell

Contact Form

Carry the son together



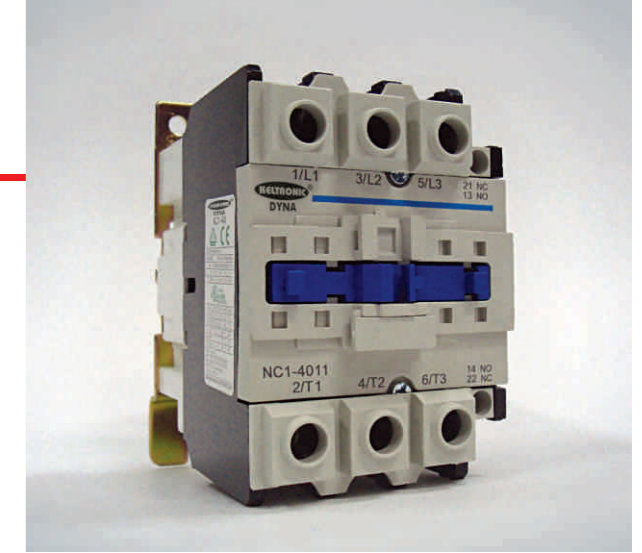
Product Appearance & Pricing

														
<table border="1"> <thead> <tr> <th>Models</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>KDFS-01 Plastic Body</td> <td>₹400.00</td> </tr> </tbody> </table>	Models	Price	KDFS-01 Plastic Body	₹400.00	<table border="1"> <thead> <tr> <th>Models</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>KDFS-1 Metal Body</td> <td>₹450.00</td> </tr> </tbody> </table>	Models	Price	KDFS-1 Metal Body	₹450.00	<table border="1"> <thead> <tr> <th>Models</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>KDFS-2 Metal Body</td> <td>₹525.00</td> </tr> </tbody> </table>	Models	Price	KDFS-2 Metal Body	₹525.00
Models	Price													
KDFS-01 Plastic Body	₹400.00													
Models	Price													
KDFS-1 Metal Body	₹450.00													
Models	Price													
KDFS-2 Metal Body	₹525.00													
														
<table border="1"> <thead> <tr> <th>Models</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>KDFS-302 Metal Body</td> <td>₹1360.00</td> </tr> </tbody> </table>	Models	Price	KDFS-302 Metal Body	₹1360.00	<table border="1"> <thead> <tr> <th>Models</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>KDFS-402 Metal Body</td> <td>₹1460.00</td> </tr> </tbody> </table>	Models	Price	KDFS-402 Metal Body	₹1460.00					
Models	Price													
KDFS-302 Metal Body	₹1360.00													
Models	Price													
KDFS-402 Metal Body	₹1460.00													
														
<table border="1"> <thead> <tr> <th>Models</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>KDFS-502 Metal Body</td> <td>₹2400.00</td> </tr> </tbody> </table>	Models	Price	KDFS-502 Metal Body	₹2400.00	<table border="1"> <thead> <tr> <th>Models</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>KDFS-602 Metal Body</td> <td>₹3600.00</td> </tr> </tbody> </table>	Models	Price	KDFS-602 Metal Body	₹3600.00					
Models	Price													
KDFS-502 Metal Body	₹2400.00													
Models	Price													
KDFS-602 Metal Body	₹3600.00													
														
<table border="1"> <thead> <tr> <th>Models</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>KDFS-702 Metal Body</td> <td>₹000.00</td> </tr> </tbody> </table>	Models	Price	KDFS-702 Metal Body	₹000.00	<table border="1"> <thead> <tr> <th>Models</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>KDFS-802 Metal Body</td> <td>₹000.00</td> </tr> </tbody> </table>	Models	Price	KDFS-802 Metal Body	₹000.00					
Models	Price													
KDFS-702 Metal Body	₹000.00													
Models	Price													
KDFS-802 Metal Body	₹000.00													

AC Contactors KD-CJX2 SERIES

Application

KD-CJX2 Series AC Contactor (hereinafter to be referred as contactor), it mainly applies to the circuit of AC 50Hz/60Hz, and rated insulation voltage 660V. When used in AC-3, and rated operational voltage is 380V, rated current up to 620A, for long distance breaking circuit and frequently starting or control the motor. Combined with proper thermal overload relay can protect load circuit. Contactor can frequently start and control AC electromotor.



Normal Running & Installation Conditions

- Ambient air temperature: -5~+40, the average value should not exceed +35 within 24 hours.
- Elevation: Max 2000m
- Atmospheric conditions: When the temperature at 40, the relative humidity of atmosphere should be at the most 50%. When at relatively low temperatures, it could have higher relative humidity. Monthly maximum relative humidity could be not more than 90%. Special measures should be taken due to occurrence of dews.
- Class of pollution: Class 3
- Impact shock: Product should be installed and used in the place where often shakes and impacts.

Construction Features

- Adopt building block system to mount auxiliary contactor block, air delay auxiliary contactor, and thermal overload relay and so on, which can be combined into multiple derived series product.
- Contactor has the advantage of Small volume, light, low consumption, high life, good safety.
- Main contactor below 32A has 1 N/C or 1 N/O, there is 1 N/C and 1 N/O above 40A. Contactor can be assembled with F4F8 auxiliary contact or Time-delay block.

Specifications

Models	Motor kW (380V)	Rated Current (A)	Auxiliary Contacts		List Price
			NO	NC	
KD-CJ-X2-910*	5.5	9	1	0	₹760.00
KD-CJ-X2-901*			0	1	
KD-CJ-X2-1210*	7.5	12	1	0	₹810.00
KD-CJ-X2-1201*			0	1	
KD-CJ-X2-1810*	10	18	1	0	₹870.00
KD-CJ-X2-1801*			0	1	
KD-CJ-X2-2510*	15	25	1	0	₹1180.00
KD-CJ-X2-2501*			0	1	
KD-CJ-X2-3210*	18.5	32	1	0	₹1280.00
KD-CJ-X2-3201*			0	1	
KD-CJ-X2-4011*	30	40	1	1	₹3650.00
KD-CJ-X2-5011*	33	50	1	1	₹3950.00
KD-CJ-X2-6511*	37	65	1	1	₹4100.00
KD-CJ-X2-8011*	45	80	1	1	₹5825.00
KD-CJ-X2-9511*	55	95	1	1	₹6050.00
KD-CJ-X2-11511*	XX	115	1	1	₹8800.00

Coil Voltage: 24V, 110V, 220V and 415V are also available.



ALL METAL FACE Inductive Sensors

Key Advantages

- Detection not influenced by chips of steel, stainless steel, aluminum, brass, copper or titanium
- Detection of targets made of the above metals
- Robust, one-piece stainless-steel housing, protection rating IP68 and IP69K
- Temperature range -25 to +85°C (-13 to +185°F)
- Size M12, M18 and M30
- Operating distances up to 12mm



HIGH TEMPERATURE Inductive Sensors

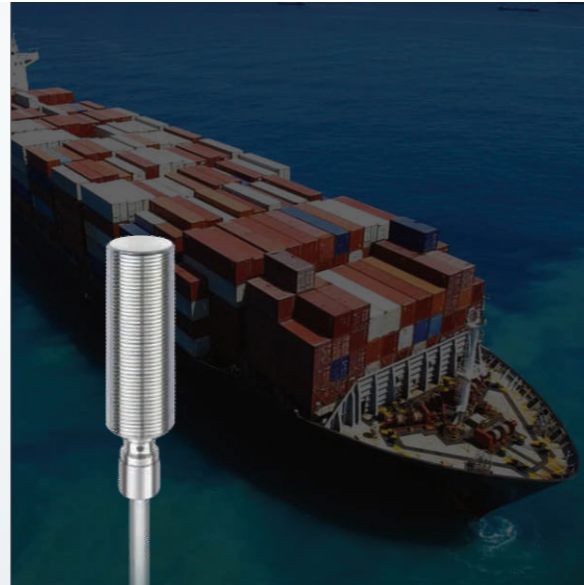
Key Advantages

- Temperature resistant up to +120°C (+248°F)
- Excellent long term reliability
- Outstanding accuracy
- High quality ASIC sensors

MARINE TIME Inductive Sensors

Key Advantages

- Extremely rugged sensors, fit for Industry 4.0
- Special EMC protection
- Resistant to corrosion and salt water
- Impervious, enclosure rating IP68 or IP69K
- Temperature range -40 to +85°C (-40 to +185°F)
- Full Inox types: one-piece stainless-steel housing (V4A/AISI 316L), factor 1 on steel and aluminum
- Pressure-resistance available up to 500 bar (800 bar peak)



MINIATURE Photoelectric Sensors

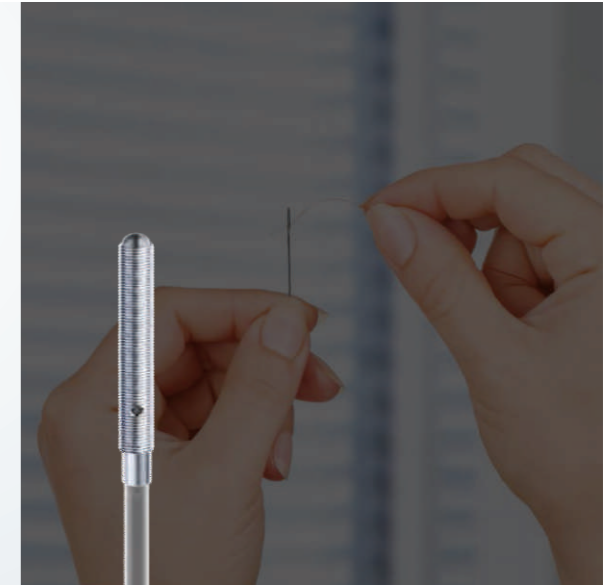
Key Advantages

1040 / 1050 / 0507 Series

- Rugged diffuse or through-beam sensors in steel housing: Ø4, M5 or 5mm x 7mm x 40mm
- Steel sensors with sapphire-glass sensing face, scratch and chemically resistant
- Accurate target detection due to cylindrical light beam

C12 Series

- Red pin point LED, small visible light spot
- Long sensing ranges
- Excellent background suppression up to 120mm with 3-turn potentiometer



EXTRA PRESSURE Inductive Sensors

Key Advantages

- Pressure resistant up to 200 bar (2901 psi)
- High quality ASIC sensors
- Mechanically and chemically rugged
- Impervious: IP68
- Gas-tight sensing face
- Miniature devices



LIGHT CURTAIN Hand Protection Type 4

Key Features

- Resolution: 30mm
- Operating range: 0.25 to 12m
- Protective height: 279 to 1827mm
- IP65, IP67 with operating temperatures as low as -35°C (-31°F)
- Housing profile 42mm x 48mm
- 2-channel selection
- Optical synchronization
- Permanent auto control