

ema

Linking your system



Valve Proximity Switches



IV series, valve sensors, with target disc, can detect position of valve precisely by its inner IC and temperature compensation circuit which offering a more reliable operation. There are two proximity sensors equipped in one valve sensor. This valve sensor controls the open and close of valve accurately by detecting positions of nuts on the target disc.





- Three types of target discs different by the sizes are available to match different valve handles
- The nuts can be easily fixed to fit changed valve switch rotation direction
- Housing material: PA66, sturdy and durable
- Yellow mark offers a visible recognition
- Soft PVC, easy and solid installation



Accessories

Type	Socket Order No.						Drawing No.
 I	C	02	I	5	C	12	I:E1138
	C: Cable	Length 02: 2M 05: 5M 10: 10M	Connector I: Straight L: Angled	Core 4: 4 5: 5	Material R: PUR C: PVC F: FEP (Anti-noise)	Socket size 12: M12	L:E1139
 L							See page 224
Type	Disc Order No.		Material			Drawing No.	
 Ø53mm	US0024		Material of yellow and black mark: PVC Black housing material: PA66			E1135	
 Ø65mm	US0025		Material of yellow and black mark: PVC Black housing material: PA66			E1136	
 Ø102mm	US0026		Material of yellow and black mark: PVC Black housing material: PA66			E1137	

Drawing

Page >>> P.223-224

Order information

Order No.	Size (mm)	Material	Sensing range (mm)	Electric design	Status	Output	Supply voltage (V)	Load current (mA)	Connection	Drawing No.
IV0001	40 × 30 × 25	PBT+GF	4 nf	3 Wire	NO	PNP	10-36 DC	250	2M, PVC	E1132
IV0002	40 × 30 × 25	PBT+GF	4 nf	3 Wire	NO	NPN	10-36 DC	250	2M, PVC	E1132
IV0003	40 × 30 × 25	PBT+GF	4 nf	3 Wire	NC	PNP	10-36 DC	250	2M, PVC	E1132
IV0004	40 × 30 × 25	PBT+GF	4 nf	3 Wire	NC	NPN	10-36 DC	250	2M, PVC	E1132
IV0005	40 × 30 × 25	PBT+GF	4 nf	3 Wire	NO	PNP	10-36 DC	250	M12 Socket	E1133
IV0006	40 × 30 × 25	PBT+GF	4 nf	3 Wire	NO	NPN	10-36 DC	250	M12 Socket	E1133
IV0007	40 × 30 × 25	PBT+GF	4 nf	3 Wire	NC	PNP	10-36 DC	250	M12 Socket	E1133
IV0008	40 × 30 × 25	PBT+GF	4 nf	3 Wire	NC	NPN	10-36 DC	250	M12 Socket	E1133