

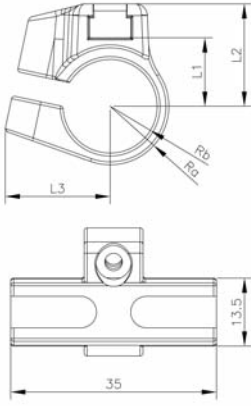
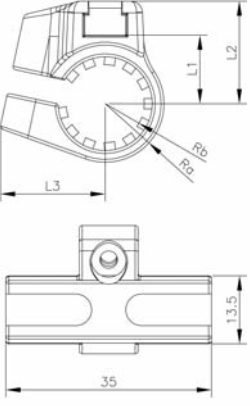
Proximity switches SK series

PROXIMITY SWITCH FOR CYLINDER WITH T-GROOVES



Proximity switches for magnetic cylinders

Product description	Reed 2 wire N/O	Reed 3 wire N/O
Housing material	PA Black	PA Black
Number of contacts	2	3
Cable type	CEI 2022 II O.R. grey RAL7035	CEI 2022 II O.R. grey RAL7036
Order no.	SKR2C01200	SKR3C01200
Other standard types	cable length 5m SKR2C01500	SKR3C01500
M8	SKR2P01M8 (rated voltage only 5-50V)	SKR3P01M8
Temperature range	min -5°C max 70°C	min -5°C max 70°C
Rated voltage	5-130V AC/DC	5-30 V AC/DC
Current max.	200 mA	500 mA
Power max.	10 W	6 W
Voltage drop max.	3V	0,1V
LED colour	YELLOW	YELLOW
Mounting	hexagonal headless M3 screw	hexagonal headless M3 screw
Fixing screw torque	max. 0,15 N/m	max. 0,15 N/m
Protection class (EN 60529)	IP67	IP67
Drawing		
Product description	PNP 3 wire N/O	NPN 3 wire N/O
Housing material	PA Black	PA Black
Number of contacts	3	3
Cable type	CEI 2022 II O.R. grey RAL7035	PUR BLACK Ø 2,5mm
Order no.	SKH2C01200	SKH4C01200
Other standard types	cable length 5m SKH2C01500	SKH4C01500
M8	SKH2P01M8	SKH4P01M8
Temperature range	min -5°C max 70°C	min -5°C max 70°C
Rated voltage	30 V DC	10-30V DC
Current max.	200mA max.	200mA max.
Power max.	4W	6W
Voltage drop max.	0,7 V	1,5V
LED colour	YELLOW	YELLOW
Mounting	hexagonal headless M3 screw	hexagonal headless M3 screw
Fixing screw torque	max. 0,15 N/m	max. 0,15 N/m
Protection class (EN 60529)	IP67	IP67
Notes		

Sensor series	SK	SK																																																																																				
Description	Locking bands SK for aluminium micro cylinders ISO 6432 with M3 stainless steel nut and stainless steel hexagonal screw	Locking bands SK for inox micro cylinders ISO 6432 with M3 stainless steel nut and stainless steel hexagonal screw																																																																																				
Housing colour	black	black																																																																																				
Order no. (Cylinder bore)	Order no. SA08	Order no. SF08																																																																																				
	Order no. SA10	Order no. SF10																																																																																				
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	suitable for bores 32 to 63																																																																																					
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Drawing																																																																																						
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Mounting	Hexagonal M3 stainless steel screw	Hexagonal M3 stainless steel screw																																																																																				
Fixing screw torque	max. 0,5 N/m	max. 0,5 N/m																																																																																				
Dimension	<table border="1"> <thead> <tr> <th>o. no=</th> <th>L1</th> <th>L2</th> <th>L3</th> <th>Rb</th> <th>Ra</th> </tr> </thead> <tbody> <tr> <td>SA08=</td> <td>9</td> <td>16</td> <td>14</td> <td>4,7</td> <td>8 (mm)</td> </tr> <tr> <td>SA10=</td> <td>9</td> <td>16</td> <td>15,5</td> <td>5,5</td> <td>9,5 (mm)</td> </tr> <tr> <td>SA12=</td> <td>12</td> <td>17,5</td> <td>17</td> <td>6,7</td> <td>11,5 (mm)</td> </tr> <tr> <td>SA16=</td> <td>13</td> <td>18,5</td> <td>20,5</td> <td>8,7</td> <td>13,5 (mm)</td> </tr> <tr> <td>SA20=</td> <td>15</td> <td>20,5</td> <td>21,5</td> <td>10,5</td> <td>15,5 (mm)</td> </tr> <tr> <td>SA25=</td> <td>17</td> <td>23</td> <td>22,5</td> <td>13,5</td> <td>18 (mm)</td> </tr> </tbody> </table>	o. no=	L1	L2	L3	Rb	Ra	SA08=	9	16	14	4,7	8 (mm)	SA10=	9	16	15,5	5,5	9,5 (mm)	SA12=	12	17,5	17	6,7	11,5 (mm)	SA16=	13	18,5	20,5	8,7	13,5 (mm)	SA20=	15	20,5	21,5	10,5	15,5 (mm)	SA25=	17	23	22,5	13,5	18 (mm)	<table border="1"> <thead> <tr> <th>o. no=</th> <th>L1</th> <th>L2</th> <th>L3</th> <th>Rb</th> <th>Ra</th> </tr> </thead> <tbody> <tr> <td>SF08=</td> <td>9</td> <td>16</td> <td>14</td> <td>4,7</td> <td>7,5 (mm)</td> </tr> <tr> <td>SF10=</td> <td>9</td> <td>16</td> <td>15,5</td> <td>5,5</td> <td>8 (mm)</td> </tr> <tr> <td>SF12=</td> <td>12</td> <td>17,5</td> <td>17</td> <td>6,7</td> <td>10 (mm)</td> </tr> <tr> <td>SF16=</td> <td>13</td> <td>18,5</td> <td>20,5</td> <td>8,7</td> <td>12 (mm)</td> </tr> <tr> <td>SF20=</td> <td>15</td> <td>20,5</td> <td>21,5</td> <td>10,5</td> <td>14 (mm)</td> </tr> <tr> <td>SF25=</td> <td>17</td> <td>23</td> <td>22,5</td> <td>13,5</td> <td>16,5 (mm)</td> </tr> </tbody> </table>	o. no=	L1	L2	L3	Rb	Ra	SF08=	9	16	14	4,7	7,5 (mm)	SF10=	9	16	15,5	5,5	8 (mm)	SF12=	12	17,5	17	6,7	10 (mm)	SF16=	13	18,5	20,5	8,7	12 (mm)	SF20=	15	20,5	21,5	10,5	14 (mm)	SF25=	17	23	22,5	13,5	16,5 (mm)
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Material																																																																																						
Housing material	PA6 GF	PA6 GF																																																																																				
Packaging																																																																																						
Minimum quantity	100 pieces	100 pieces																																																																																				
Number of boxes suitable:	1 box	all types																																																																																				
Approximate weight per box	1 Kg	1 Kg																																																																																				
Box dimension	29 x 15 x 18 cm	29 x 15 x 18 cm																																																																																				
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