

# ***SWITCHES 3***

## ***LIMIT SWITCHES***



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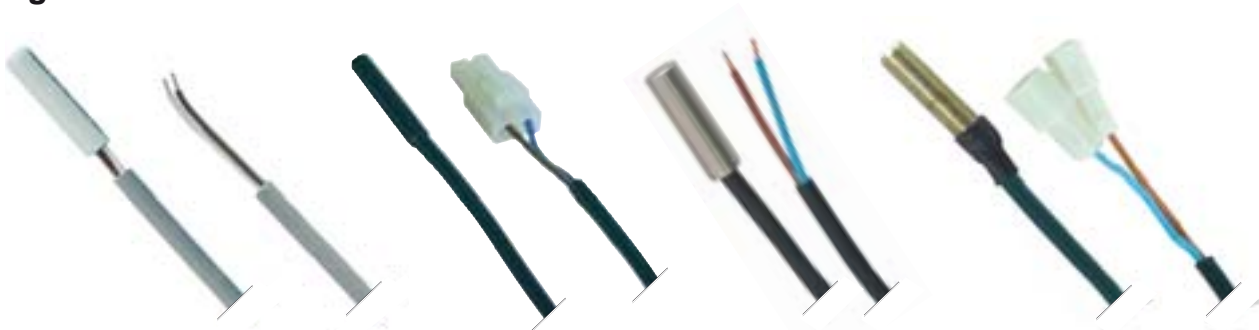
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# Switches 3

## micro switches TYPE A

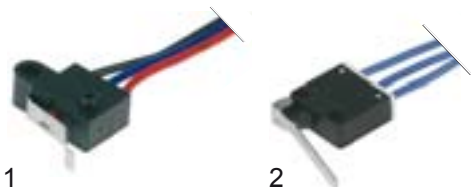
### micro switch universal



| item | order no. | function  | switch power | connection  |
|------|-----------|-----------|--------------|-------------|
| 1    | 345214    | 1CO       | 6A/250V      | cable 500mm |
| 2    | 345229    | lever set | -            | -           |
| 3    | 347006    | 1NO       | 10A/250V     | cable 700mm |



| item | order no. | function | switch power | connection   |
|------|-----------|----------|--------------|--------------|
| 1    | 346141    | 1NO      | 10A/250V     | faston 2,8mm |
| 2    | 346137    | 1CO      | 10A/250V     | soldering    |
| 3    | 347026    | 1CO      | 5A/250V      | soldering    |
| 4    | 347021    | 1CO      | 3A/250V      | soldering    |



| item | order no. | function | switch power | suitable for | ref. no. |
|------|-----------|----------|--------------|--------------|----------|
| 1    | 347034    | 1NO      | -            | Henkelmann   | 0900465  |
| 1    | 347035    | 1CO      | -            | Henkelmann   | 0900466  |
| 2    | 347032    | 1NO      | 10A/250V     | Henkelmann   | 0900460  |
| 2    | 347033    | 1CO      | 10A/250V     | Henkelmann   | 0900461  |

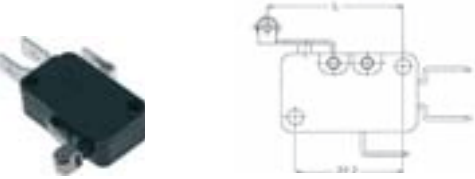
## micro switches TYPE B

### micro switches with lever



| pos. | order no. | l(mm)    | function | switch power | connection (mm) |
|------|-----------|----------|----------|--------------|-----------------|
| 1    | 345256    | 26,5     | 1CO      | 16A/250V     | faston 6,3      |
| 2    | 345257    | 31,5     | 1CO      | 16A/250V     | faston 6,3      |
| 3    | 346456    | 36       | 1CO      | 0,1A/250V    | faston 6,3      |
| 4    | 345255    | 36       | 1CO      | 16A/250V     | faston 6,3      |
| 5    | 347010    | 36       | 1CO      | 16A/250V     | faston 4,8      |
| 6    | 346969    | 50       | 1NO      | 16A/250V     | faston 6,3      |
| 7    | 345742    | 56       | 1CO      | 16A/250V     | faston 6,3      |
| 8    | 346872    | 58       | 1CO      | 0,1A/250V    | faston 6,3      |
| 9    | 345773    | 60       | 1CO      | 16A/250V     | faston 6,3      |
| 10   | 345254    | 66       | 1CO      | 16A/250V     | faston 6,3      |
| 11   | 345345    | 69       | 1CO      | 16A/250V     | faston 6,3      |
| 12   | 346072    | 71       | 1CO      | 6A/250V      | faston 6,3      |
| 13   | 345107    | 78/82/89 | 1CO      | 16A/250V     | faston 6,3      |

## micro switches with roller lever



| pos. | order no. | l(mm) | function | switch power | connection (mm) |
|------|-----------|-------|----------|--------------|-----------------|
| 1    | 345041    | 20,5  | 1CO      | 16A/250V     | faston 6,3      |
| 2    | 345252    | 25    | 1CO      | 16A/250V     | faston 6,3      |
| 3    | 345253    | 30    | 1CO      | 16A/250V     | faston 6,3      |
| 4    | 345250    | 34,5  | 1CO      | 16A/250V     | faston 6,3      |
| 5    | 345251    | 41    | 1CO      | 16A/250V     | faston 6,3      |

## micro switches universal



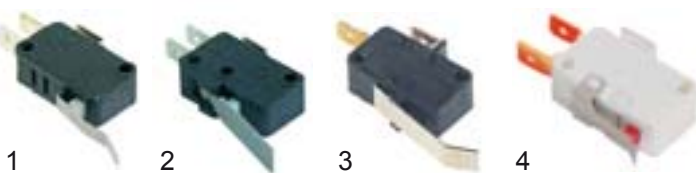
| item | order no. | function  | switch power | connection   |
|------|-----------|-----------|--------------|--------------|
| 1    | 345042    | 1CO       | 16A/250V     | faston 6,3mm |
| 2    | 300158    | 1CO       | 8A/250V      | cable 1500mm |
| 3    | 345043    | lever set | -            | -            |

## basic button switches



| item | order no. | function | switch power | connection (mm) |
|------|-----------|----------|--------------|-----------------|
| 1    | 345105    | 1CO      | 16A/250V     | faston 6,3mm    |
| 2    | 346158    | 1CO      | 5A/250V      | faston 4,8mm    |
| 3    | 346145    | 1CO      | 10A/250V     | faston 4,8mm    |
| 4    | 347043    | 1NC      | 16A/250V     | faston 4,8mm    |

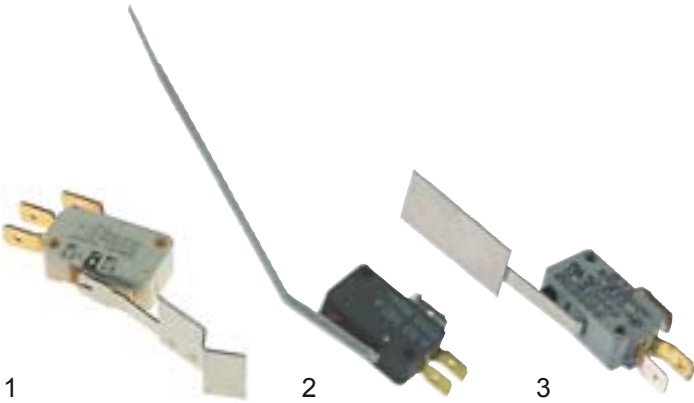
## micro switches with special levers



| item | order no. | function | connection (mm) | suitable for | ref. no.  |
|------|-----------|----------|-----------------|--------------|-----------|
| 1    | 345059    | 1CO      | faston 6,3      | Comenda      | 120323    |
| 2    | 345178    | 1CO      | faston 6,3      | Elframo      | 25190003  |
| 3    | 346333    | 1NO      | faston 6,3      | Lotus        | 537025300 |
| 4    | 346159    | 1CO      | faston 6,3      | Rancilio     | 34100004  |



| item | order no. | function | connection (mm) | suitable for | ref. no.    |
|------|-----------|----------|-----------------|--------------|-------------|
| 1    | 345363    | 1CO      | faston 6,3      | Faber        | 1035        |
| 2    | 345699    | 1NO      | faston 6,3      | Roller Grill | A07017      |
| 3    | 345791    | 1CO      | faston 6,3      | Gastrofrit   | 306.040.045 |



| item | order no. | function | connection (mm) | suitable for | ref. no.   |
|------|-----------|----------|-----------------|--------------|------------|
| 1    | 346314    | 1CO      | faston 6,3      | Tecnoeka     | 9951727000 |
| 2    | 345279    | 1CO      | faston 6,3      | ITV          | 100388     |
| 3    | 300152    | 1CO      | faston 6,3      | Gico         | 784106510  |



| item | order no. | function | connection (mm) | suitable for | ref. no.    |
|------|-----------|----------|-----------------|--------------|-------------|
| 1    | 345368    | 1CO      | faston 6,3      | Staff        | 90/82010000 |
| 2    | 346152    | 1CO      | faston 6,3      | Mazzer       | S00SMIA04   |
| 3    | 345367    | 1CO      | faston 6,3      | Staff        | 10318000    |



| item | order no. | function | connection (mm) | suitable for | ref. no. |
|------|-----------|----------|-----------------|--------------|----------|
| 1    | 345515    | 1CO      | faston 6,3      | IME Omniwash | CEMP12CL |
| 2    | 346876    | 1CO      | faston 6,3      | Icematic     | 19410208 |
| 3    | 347008    | 1CO      | cable           | Electrolux   | 0E5629   |



| item | order no. | function | connection (mm) | suitable for | ref. no.  |
|------|-----------|----------|-----------------|--------------|-----------|
| 1    | 346838    | 2CO      | faston 6,3      | SMEG         | 814490215 |
| 2    | 346861    | 2CO      | faston 6,3      | SMEG         | 814490182 |



| item | order no. | function | connection (mm) | suitable for | ref. no. |
|------|-----------|----------|-----------------|--------------|----------|
| 1    | 345580    | 2NO      | faston 6,3      | Elettrobar   | 218010   |
| 2    | 346927    | 2CO      | faston 6,3      | Adler        | 20035    |

micro switches with front fixing



| item | order no. | fixing     | function | switch power | connection (mm) |
|------|-----------|------------|----------|--------------|-----------------|
| 1    | 100010    | M10x0,75mm | 1CO      | 5A/250V      | faston 6,3      |
| 2    | 100038    | M11x1mm    | 1CO      | 5A/250V      | faston 6,3      |
| 3    | 345425    | M10x0,75mm | 1CO      | 16A/250V     | faston 6,3      |



| item | order no. | fixing     | function | switch power | connection (mm) |
|------|-----------|------------|----------|--------------|-----------------|
| 1    | 345032    | M10x0,75mm | 1CO      | 16A/250V     | faston 6,3      |
| 2    | 345350    | M11x1mm    | 1CO      | 16A/250V     | faston 6,3      |

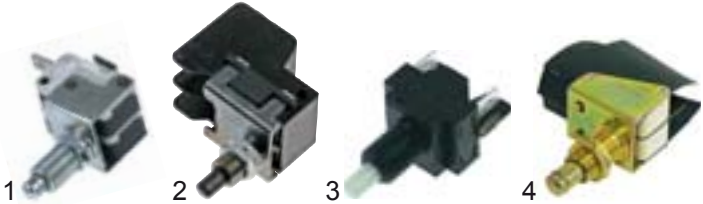


| item | order no. | fixing     | function | switch power | connection (mm) |
|------|-----------|------------|----------|--------------|-----------------|
| 1    | 346369    | M10x0,75mm | 1CO      | 16A/250V     | faston 6,3      |
| 2    | 345104    | M10x0,75mm | 1CO      | 16A/250V     | faston 6,3      |
|      |           | Rollstößel |          |              |                 |

special application microswitches



| item | order no. | function | suitable for | ref. no.   |
|------|-----------|----------|--------------|------------|
| 1    | 346387    | 1NO      | Zanussi      | 56944      |
| 2    | 346274    | 1CO      | Ambach       | 5060917629 |
| 3    | 346290    | 1CO      | Juno         | 245474     |



| item | order no. | fixing     | function | switch power | connection (mm) |
|------|-----------|------------|----------|--------------|-----------------|
| 1    | 347054    | M10x0,75mm | 2NO      | 16A/250V     | faston 6,3      |
| 2    | 346347    | M10x0,75mm | 2NO      | 16A/250V     | faston 6,3      |
| 3    | 300126    | M11x1mm    | 2NO      | 16A/250V     | faston 6,3      |
| 4    | 345048    | M12x1mm    | 2CO      | 16A/250V     | faston 6,3      |

# Switches 3

## micro switches TYPE C

### micro switches with lever



| pos. | order no. | l(mm) | function | switch power |
|------|-----------|-------|----------|--------------|
| 1    | 345268    | 38    | ICO      | 16A/250V     |
| 2    | 345269    | 54    | ICO      | 16A/250V     |
| 3    | 345125    | 63,5  | ICO      | 16A/250V     |
| 4    | 345044    | 72    | ICO      | 16A/250V     |
| 5    | 345270    | 133   | ICO      | 16A/250V     |
| 6    | 345074    | 146,5 | ICO      | 16A/250V     |
| 7    | 345271    | 152,5 | ICO      | 16A/250V     |
| 8    | 346908    | 172   | ICO      | 16A/250V     |

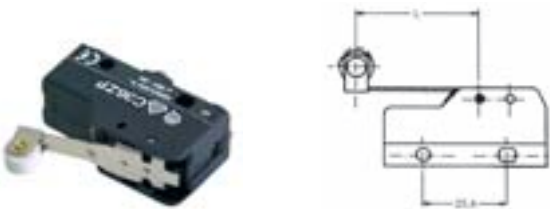


| item | order no. | l(mm) | function | switch power |
|------|-----------|-------|----------|--------------|
| 1    | 345121    | 73    | ICO      | 16A/250V     |
| 2    | 346875    | 120   | ICO      | 16A/250V     |



| pos. | order no. | function | switch power |
|------|-----------|----------|--------------|
| 1    | 347051    | ICO      | 16A/250V     |

### micro switches with roller lever



| Pos | order no. | l(mm) | function | switch power |
|-----|-----------|-------|----------|--------------|
| 1   | 346874    | 25    | ICO      | 16A/250V     |
| 2   | 345266    | 34,5  | ICO      | 16A/250V     |
| 3   | 345045    | 50,5  | ICO      | 16A/250V     |
| 4   | 345267    | 60    | ICO      | 16A/250V     |

### micro switches with front fixing



| item | order no. | fixing  | function | switch power |
|------|-----------|---------|----------|--------------|
| 1    | 345156    | M10x1mm | ICO      | 16A/250V     |
| 2    | 345138    | M12x1mm | ICO      | 16A/250V     |
| 3    | 345258    | M12x1mm | ICO      | 16A/400V     |



| item | order no. | fixing  | function | switch power |
|------|-----------|---------|----------|--------------|
| 1    | 345679    | M12x1mm | ICO      | 16A/250V     |
| 2    | 346370    | M12x1mm | ICO      | 16A/250V     |
| 3    | 347009    | M12x1mm | ICO      | 20A/250V     |

### micro switches special types



| item | order no. | function | switch power | suitable for | ref. no. |
|------|-----------|----------|--------------|--------------|----------|
| 1    | 346878    | ICO      | 16A/250V     | Brema        | 23373    |
| 2    | 345103    | ICO      | 20A/400V     | San Marco    |          |



| item | order no. | description | function | switch power |
|------|-----------|-------------|----------|--------------|
| 1    | 345052    | lever 53mm  | ICO      | 10A/250V     |
| 2    | 345360    | M12x1       | ICO      | 10A/250V     |



| item | order no. | function | suitable for | ref. no. |
|------|-----------|----------|--------------|----------|
| 1    | 346574    | ICO      | Juno         | 247396   |
| 2    | 346507    | ICO      | Küppersbusch | 177161   |



| item | order no. | function | suitable for       | ref. no. |
|------|-----------|----------|--------------------|----------|
| 1    | 345046    | INO+INC  | Eloma              | VO600    |
| 2    | 345047    | ICO      | Rational           | 30161400 |
| 3    | 346289    | ICO      | Juno<br>Electrolux | 245481   |



micro switches TYPE D



| item | order no. | function | switch power |
|------|-----------|----------|--------------|
| 1    | 345060    | NO       | 16A/250V     |
| 2    | 345061    | INC      | 16A/250V     |
| 3    | 345062    | 1NO+1NC  | 16A/250V     |



| item | order no. | function | switch power |
|------|-----------|----------|--------------|
| 1    | 345247    | 2NO      | 16A/250V     |
| 2    | 345326    | 1NO      | 16A/250V     |
| 3    | 305004    | 1NO+1NC  | 16A/250V     |
| 3    | 347050    | INC      | 16A/250V     |

micro switches TYPE E  
micro switches with snap-on mounting



| item | order no. | description | function | switch power |
|------|-----------|-------------|----------|--------------|
| 1    | 345285    | 1-pole      | 2NO      | 16A/250V     |
| 2    | 300092    | 1-pole      | 2NO      | 16A/250V     |
| 3    | 345127    | 3-pole      | 3NO      | 16A/250V     |

special application microswitches



| item | order no. | function | suitable for | ref. no. |
|------|-----------|----------|--------------|----------|
| 1    | 345735    | 1NO      | STAR10       | 73002    |
| 2    | 345736    | 1NC      | STAR10       | 73011    |



| item | order no. | function | suitable for | ref. no. |
|------|-----------|----------|--------------|----------|
| 1    | 346904    | 1NO      | Angelo Po    | 32W3700  |
| 2    | 345459    | 1NO      | A.T.A.       | 7607     |
| 3    | 345460    | 1NO      | A.T.A.       | 7620     |



| item | order no. | function | suitable for | ref. no. |
|------|-----------|----------|--------------|----------|
| 1    | 346909    | 1CO      | Angelo Po    | 32W0010  |
| 2    | 346907    | 1CO      | Angelo Po    | 32W0020  |
| 3    | 345585    | 1NO      | Elettrobar   | 218003   |



| item | order no. | function | suitable for | ref. no. |
|------|-----------|----------|--------------|----------|
| 1    | 345186    | 1CO      | Elframo      | 25190001 |
| 2    | 345815    | 1NO      | Zanussi      | 60722    |
| 3    | 347007    | 1NC      | Zanussi      | 046322   |



| item | order no. | function | suitable for | ref. no.           |
|------|-----------|----------|--------------|--------------------|
| 1    | 346887    | 1NC      | Scotsman     | 1200205901         |
| 2    | 345427    | 1CO      | Fagor<br>OEM | X343015<br>EG00100 |
| 3    | 345224    | 1NO      | Honved       | 25552              |



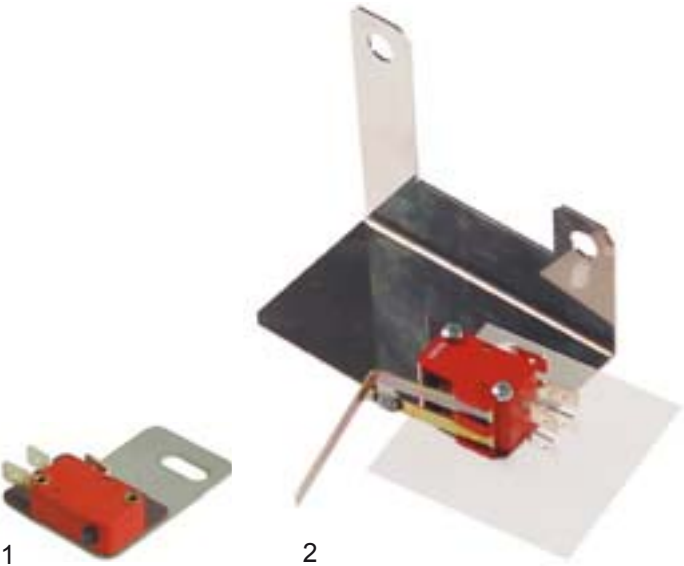
| item | order no. | function | suitable for | ref. no. |
|------|-----------|----------|--------------|----------|
| 1    | 346865    | 1NO+1NC  | CAB          | 1061/UL  |
| 2    | 345361    | 1NO+1NC  | Icematic     | 1940205  |
| 3    | 345902    | 1NO+1NC  | Bourgeois    | INT103   |

# Switches 3

## micro switches with special mounting bracket



| item | order no. | function | connection (mm) | suitable for | ref. no. |
|------|-----------|----------|-----------------|--------------|----------|
| 1    | 345992    | 1CO      | faston 6,3      | Winterhalter | 62001349 |
| 2    | 345966    | 1CO      | faston 6,3      | Winterhalter | 5519007  |



| item | order no. | function | connection (mm) | suitable for | ref. no.  |
|------|-----------|----------|-----------------|--------------|-----------|
| 1    | 345965    | 1CO      | faston 6,3      | Winterhalter | 5519024   |
| 2    | 346375    | 2CO      | faston 6,3      | Küppersbusch | 994902006 |

## switches with snap-on mounting



| item | order no. | mounting (mm) | function | switch power | faston (mm) |
|------|-----------|---------------|----------|--------------|-------------|
| 1    | 345249    | 26x12         | 1NO      | 65W/250V     | 6,3         |
| 2    | 346569    | 26x13         | 1NO      | 25W/250V     | 6,3         |
| 3    | 346772    | 27x20         | 1CO      | 2,5A/250V    | 4,8         |

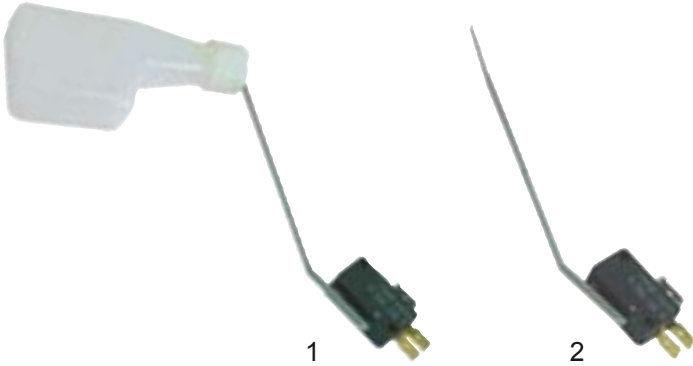


| item | order no. | mounting (mm) | function | switch power | faston (mm) |
|------|-----------|---------------|----------|--------------|-------------|
| 1    | 346139    | 27x13,5       | 1CO      | 13A/250V     | 6,3         |
| 2    | 346166    | 27x13,6       | 1NC      | 10A/250V     | 4,8         |
| 3    | 347018    | 26x12         | 1CO      | 1A/250V      | 2,8         |

## float switches



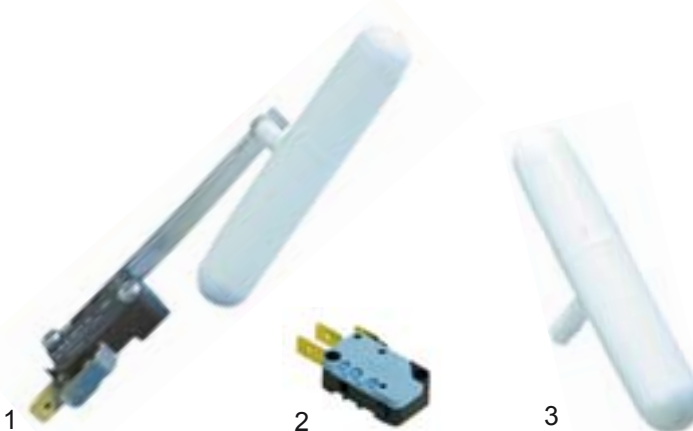
| item | order no. | description     | suitable for | ref. no. |
|------|-----------|-----------------|--------------|----------|
| 1    | 345365    | switch complete | Icematic     | 81449091 |
| 2    | 345373    | switch complete | BREMA        | C26562   |
| 3    | 345042    | switch          |              |          |



| item | order no. | description     | suitable for | ref. no. |
|------|-----------|-----------------|--------------|----------|
| 1    | 345324    | switch complete | I.T.V.       | 105058   |
| 2    | 345279    | switch          | I.T.V.       | 100388   |



| item | order no. | description     | suitable for | ref. no. |
|------|-----------|-----------------|--------------|----------|
| 1    | 345372    | switch complete | Eurfrigor    | RH000830 |
| 2    | 345367    | switch          | Eurfrigor    |          |
| 3    | 695044    | float           | Eurfrigor    | RH000679 |



| item | order no. | description     | suitable for | ref. no. |
|------|-----------|-----------------|--------------|----------|
| 1    | 345371    | switch complete | Eurfrigor    | RH00A310 |
| 2    | 345042    | switch          | Eurfrigor    |          |
| 3    | 695044    | float           | Eurfrigor    | RH000679 |



position switches  
position switches Siemens  
plastic housing IP65  
base switch for use with actuators

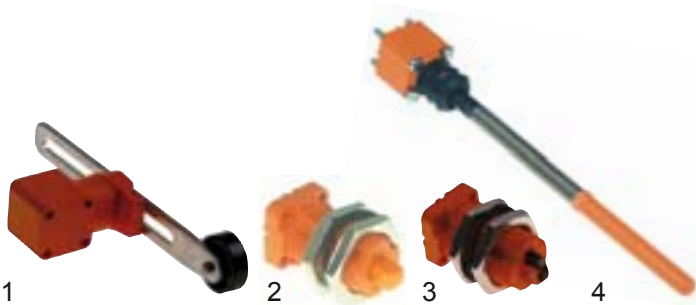


| pos. | order no. | description      |  | function |
|------|-----------|------------------|--|----------|
| 1    | 346604    | extended plunger |  | 1NO+1NC  |
| 2    | 346605    | extended plunger |  | 2NO      |
| 3    | 346606    | extended plunger |  | 2NC      |

actuators



| item | order no. | description    |  | item | order no. | description           |  |
|------|-----------|----------------|--|------|-----------|-----------------------|--|
| 1    | 346607    | roller plunger |  | 3    | 346609    | angled lever roller   |  |
| 2    | 346608    | lever roller   |  | 4    | 346610    | rotating lever roller |  |



| item | order no. | description                                  |  | item | order no. | description                                |  |
|------|-----------|----------------------------------------------|--|------|-----------|--------------------------------------------|--|
| 1    | 346611    | adjustable rotating lever roller             |  | 3    | 346614    | roller plunger with central mounting M18x1 |  |
| 2    | 346613    | extended plunger with central mounting M18x1 |  | 4    | 346612    | rod actuator                               |  |

position switches Siemens  
metal housing IP65



| pos. | order no. | description  |  | function |
|------|-----------|--------------|--|----------|
| 1    | 346288    | lever roller |  | 1NO+1NC  |

position switches Möller  
plastic housing IP65  
front fixing - not suitable for separate actuators



| pos. | order no. | description      |  | function |
|------|-----------|------------------|--|----------|
| 1    | 347016    | extended plunger |  | 1NO+1NC  |
| 2    | 345549    | extended plunger |  | 2NO      |
| 3    | 347017    | extended plunger |  | 2NC      |

base switch usable with actuators

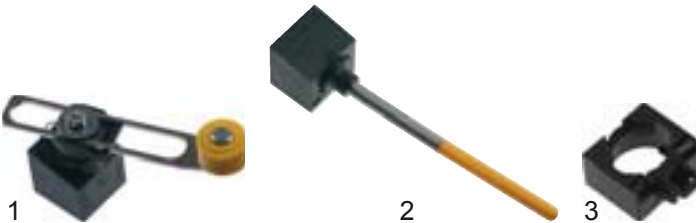


| pos. | order no. | description      |  | function |
|------|-----------|------------------|--|----------|
| 1    | 346284    | extended plunger |  | 1NO+1NC  |
| 2    | 346987    | extended plunger |  | 2NO      |
| 3    | 346988    | extended plunger |  | 2NC      |

actuators



| item | order no. | description    |  | item | order no. | description           |  |
|------|-----------|----------------|--|------|-----------|-----------------------|--|
| 1    | 346989    | roller plunger |  | 3    | 346991    | angled lever roller   |  |
| 2    | 346990    | lever roller   |  | 4    | 346992    | rotating lever roller |  |



| item | order no. | description             |  | item | order no. | description      |  |
|------|-----------|-------------------------|--|------|-----------|------------------|--|
| 1    | 346993    | adjustable lever roller |  | 3    | 346995    | mounting adaptor |  |
| 2    | 346994    | rod actuator            |  |      |           |                  |  |

# Switches 3

## position switches Pizzato

series FR  
plastic housing IP67



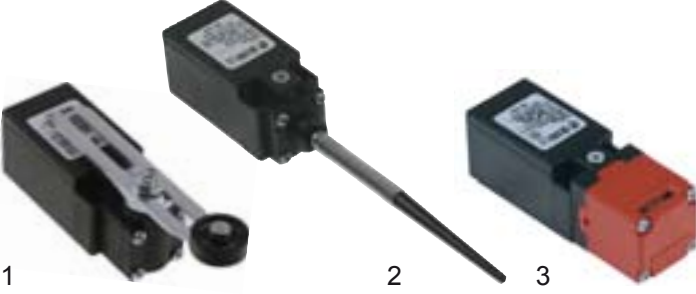
| item | order no. | description                  |  | function |
|------|-----------|------------------------------|--|----------|
| 1    | 345181    | extended plunger             |  | INO+INC  |
| 2    | 345337    | extended plunger with gasket |  | INO+INC  |
| 3    | 345338    | roller plunger               |  | INO+INC  |



| item | order no. | description           |  | function |
|------|-----------|-----------------------|--|----------|
| 1    | 345389    | lever roller          |  | INO+INC  |
| 2    | 345144    | rotating lever roller |  | INO+INC  |
| 3    | 345209    | angled lever roller   |  | INO+INC  |



| item | order no. | description                   |  | function |
|------|-----------|-------------------------------|--|----------|
| 1    | 345487    | plunger button mounting M12x1 |  | INO+INC  |
| 2    | 345488    | plunger button mounting M18x1 |  | INO+INC  |
| 3    | 345508    | roller plunger mounting M18x1 |  | INO+INC  |



| item | order no. | description                      |  | function |
|------|-----------|----------------------------------|--|----------|
| 1    | 345509    | adjustable rotating lever roller |  | INO+INC  |
| 2    | 345513    | rod actuator                     |  | INO+INC  |
| 3    | 347052    | key                              |  | INO+INC  |

series FB  
metal housing IP67



| pos. | order no. | description    |  | function |
|------|-----------|----------------|--|----------|
| 1    | 346175    | roller plunger |  | INO+INC  |

series FD  
metal housing IP67



| item | order no. | description                  |  | function |
|------|-----------|------------------------------|--|----------|
| 1    | 345058    | extended plunger with gasket |  | INO+INC  |
| 2    | 345862    | lever roller                 |  | INO+INC  |



| item | order no. | description           |  | function |
|------|-----------|-----------------------|--|----------|
| 1    | 345057    | rotating lever roller |  | INO+INC  |
| 2    | 345075    | bar lever             |  | INO+INC  |

series FA  
metal housing IP67



| item | order no. | description                            |  | function |
|------|-----------|----------------------------------------|--|----------|
| 1    | 300137    | roller plunger                         |  | INO+INC  |
| 2    | 345696    | roller plunger with front fixing M12x1 |  | INO+INC  |
| 3    | 345697    | rotating lever roller                  |  | INO+INC  |

## position switches Bernstein



| item | order no. | description      |  | function | kind of protection. |
|------|-----------|------------------|--|----------|---------------------|
| 1    | 345922    | extended plunger |  | INO+INC  | IP30                |
| 2    | 346296    | lever roller     |  | INO+INC  | IP65                |
| 3    | 345921*   | roller plunger   |  | INO+INC  | IP65                |

\*metal housing IP67

## position switches diverse



| item | order no. | description           |  | function | product |
|------|-----------|-----------------------|--|----------|---------|
| 1    | 345040    | rotating lever roller |  | INO+INC  | Crouzet |
| 2    | 347053    | key                   |  | INO+INC  | Lovato  |

magnetic switches round  
plastic 4x19mm



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 347049    | INO      | -               | 1250       |

plastic 5,75x25mm type MK3



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345967    | INO      | 0,5A/200V/10W   | 2000       |

plastic 6x29mm type A061



| item | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345146    | INO      | 1A/250V/50W     | 1000       |
| 2    | 345202    | INO      | 0,04A/250V/10W  | 1500       |
| 3    | 345819    | INO      | 1A/250V/50W     | 300        |

metal 8x58mm



| pos. | order no. | function | cable (mm) | suitable for | ref. no. |
|------|-----------|----------|------------|--------------|----------|
| 1    | 346511    | INO      | 2900       | Rational     | 30161417 |

metal 9x31mm type B091



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345991    | INO      | 1A/250V/50W     | 2000       |
| 2    | 345429    | INO      | 0,04A/250V/10W  | 2000       |

metal M8x0,75mm type D081



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345631    | INO      | 1A/250V/50W     | 2000       |

metal M10x0,75mm type D102



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345632    | INO      | 1A/250V/50W     | 2000       |

metal M12x1mm type D121



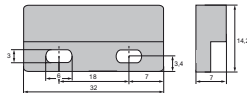
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345430    | INO      | 1A/250V/50W     | 2000       |

metal M12x1mm type D122



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345135    | INO      | 1A/250V/50W     | 2000       |

magnetic switch flat  
32x15mm type MK12



| pos. | order no. | function   | limiting values | cable (mm) |
|------|-----------|------------|-----------------|------------|
| 1    | 345109    | INO (1A84) | 0,5A/400V/10W   | 2000       |

32x15mm type MK12



| pos. | order no. | function   | limiting values | cable (mm) |
|------|-----------|------------|-----------------|------------|
| 1    | 345968    | INO (1A71) | 0,5A/200V/10W   | 2000       |
| 2    | 345969    | INO (1A84) | 0,5A/400V/10W   | 2000       |



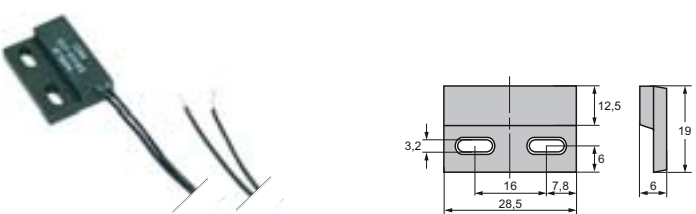
# Switches 3

## 23x14mm type MK4



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 346106    | INO      | 0,5A/90V/5W     | 500        |

## 28,5x19mm type 59135



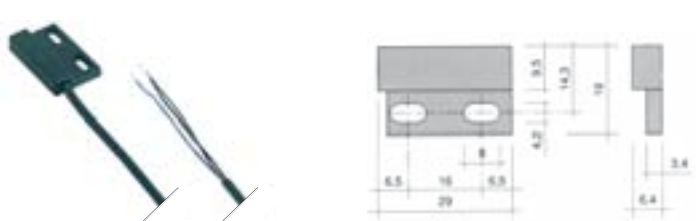
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345219    | INO      | 0,5A/250V/10W   | 800        |
| 2    | 345248    | INO      | 0,5A/250V/10W   | 300        |

## 25x14mm type E540



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345217    | INO      | 0,5A/200V/10W   | 2000       |

## 29x19mm type E560



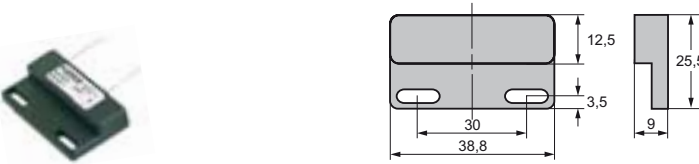
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345117    | INO      | 0,04A/250V/10W  | 1000       |
| 2    | 345808    | ICO      | 0,5A/175V/10W   | 1000       |
| 3    | 345802    | INO      | 0,04A/250V/10W  | 5000       |

## 28,6x18mm type MA11



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345807    | INO      | 0,5A/250V/10W   |            |

## 38,8x25,5mm type MA45



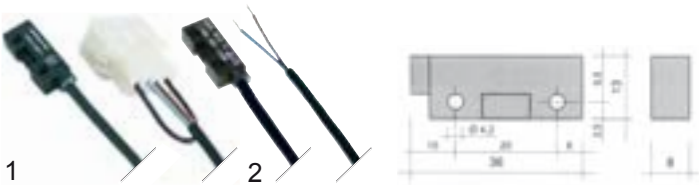
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345804    | INO      | 0,5A/250V/10W   |            |

## 36x13mm type E510



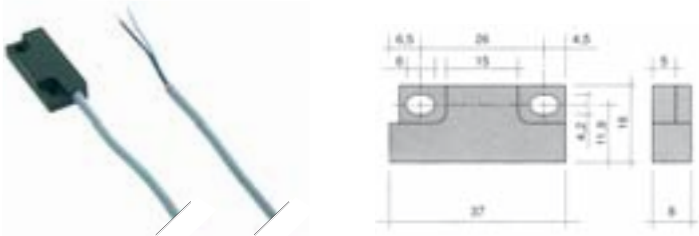
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345118    | INO      | 0,5A/250V/50W   | 1000       |

## 36x13mm type E511



| item | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345820    | INO      | 0,5A/250V/50W   | 300        |
| 2    | 345792    | INO      | 0,04A/250V/10W  | 2000       |

## 37x16mm type E550



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345341    | INO      | 0,04A/250V/10W  | 2000       |
| 2    | 345600    | INO      | 0,5A/250V/50W   | 1000       |

## 40x13mm type E521



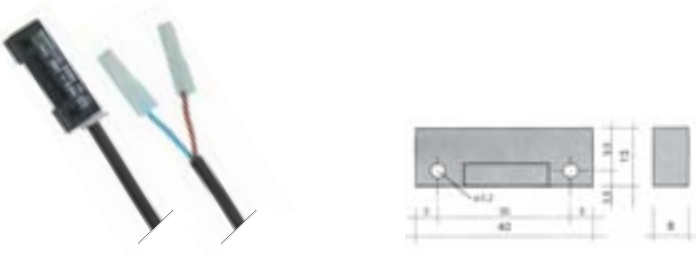
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345358    | INO      | 0,04A/250V/10W  | 2000       |

40x13mm type E522



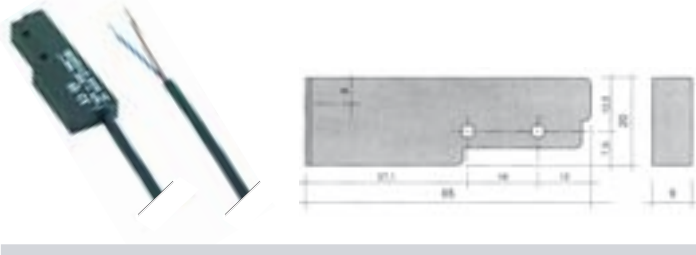
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345504    | 1NO      | 0,04A/250V/10W  | 2000       |

40x13mm type E520



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345990    | 1NO      | 0,04A/250V/10W  | 2000       |

65x20mm type E530



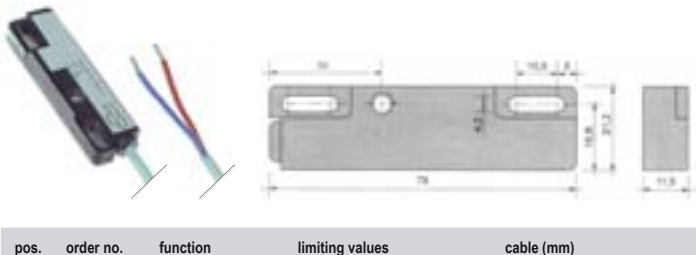
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345116    | 1NO      | 0,4A/250V/100W  | 3000       |
| 2    | 345122    | 1NO      | 8A/24V          | 340        |
| 3    | 346058    | 1NO      | 0,4A/250V/100W  | 90         |

80x15mm



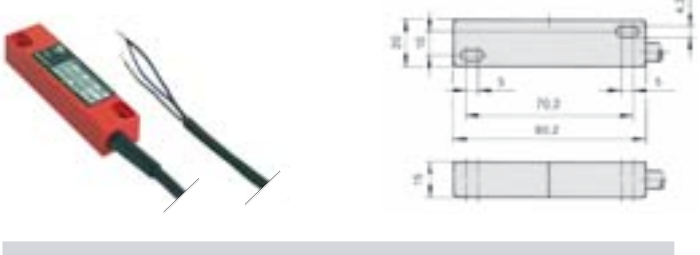
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345210    | 1NO      | 0,5A/265V/10W   | 600        |

76x21mm type E580



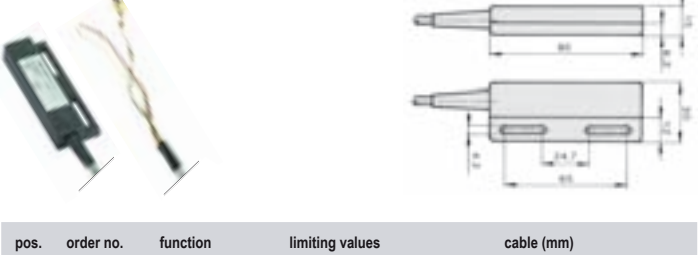
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345783    | 1NO      | 1A/250V/50W     | 600        |

80x20mm type MA12



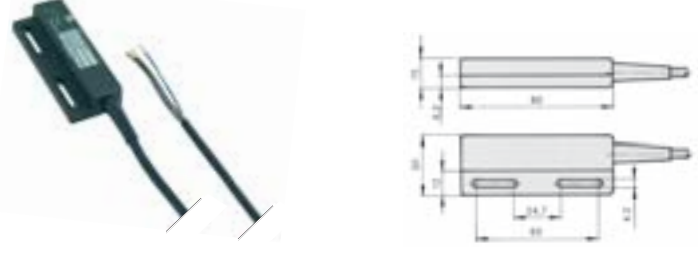
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345803    | 1CO      | 1A/250V/80W     | 2000       |
| 2    | 345801    | 1NIO     | 3A/250V/100W    | 5000       |

flat 80x30mm type MA44



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345919    | 1NO      | 3A/250V/100W    | 1250       |
| 2    | 345920    | 1NO      | 3A/250V/100W    | 1000       |
| 3    | 345918    | 1NO      | 0,2A/250V/100W  | 3500       |

80x30mm type MA44



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 345806    | 1CO      | 1A/250V/80W     | 6000       |

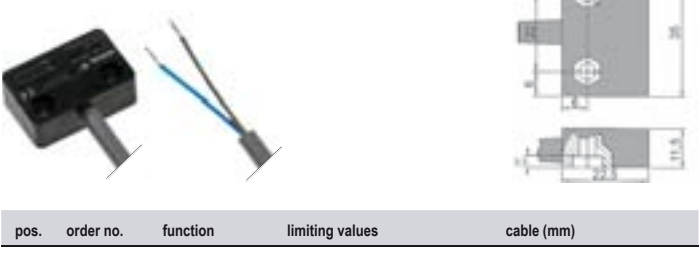
36x26mm type E590/E591



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 346998    | 1NO      | 3A/230V/60W     | 2000       |
| 2    | 347000    | 1NO      | 3A/230V/60W     | 5500       |
| 3    | 346999*   | 1NC      | 3A/230V/60W     | 2000       |

\* polarized - type flat 35x22

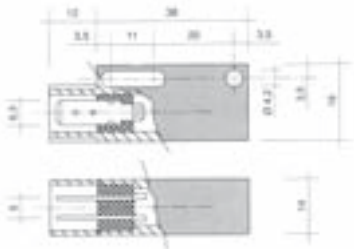
35x22mm



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 347003    | 1NO      | 1A/230V/60W     | 1700       |

# Switches 3

## 50x19mm type E710



| pos. | order no. | function | limiting values | connection (mm) |
|------|-----------|----------|-----------------|-----------------|
| 1    | 345821    | 1NO      | 1A/250V/50W     | F6,3mm          |

## magnets round



| pos. | order no. | measures (mm) | pos. | order no. | measures (mm) |
|------|-----------|---------------|------|-----------|---------------|
| 1    | 346891    | ø6x13         | 4    | 346514    | ø10x40        |
| 2    | 347002    | ø6x30         | 5    | 346025    | ø12x15        |
| 3    | 347047    | ø10x3         | 6    | 347046    | ø16x3         |

## rectangular



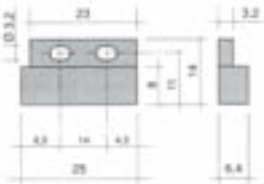
| pos. | order no. | l x w x h (mm) | pos. | order no. | l x w x h (mm) |
|------|-----------|----------------|------|-----------|----------------|
| 1    | 347045    | 5x12x24        | 2    | 345110    | 9x15x25        |

## circular



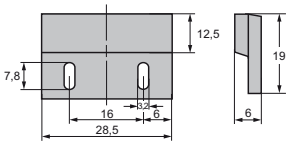
| pos. | order no. | measures (mm) | internal (mm) | pos. | order no. | measures (mm) | internal (mm) |
|------|-----------|---------------|---------------|------|-----------|---------------|---------------|
| 1    | 345486    | ø20x6         | ø3,2          | 2    | 347048    | ø32,5x6       | ø18           |

## type flat 25x14mm type M305



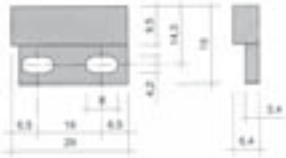
| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 345432    | 25x14         |

## flat 24x16mm



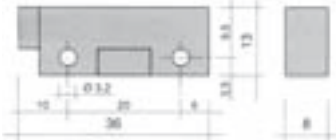
| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 345700    | 29x16         |

## flat 29x16mm type M304



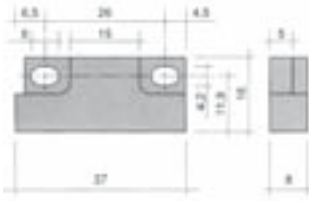
| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 345517    | 29x16         |

## flat 36x13mm type M302



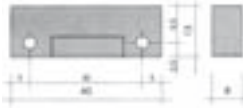
| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 345398    | 36x14         |

## flat 37x16mm type M306



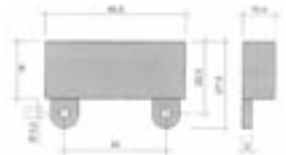
| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 345516    | 37x16         |

## flat 40x13mm type M303



| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 345399    | 40x13         |

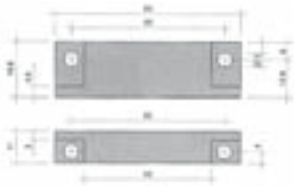
## flat 45,5x18mm type M370



| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 345518    | 45,5x18       |

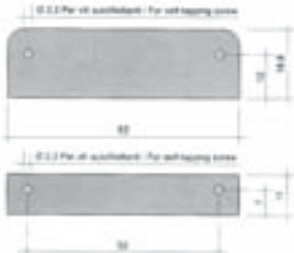


flat 63x18mm type M340



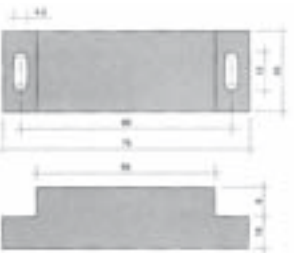
| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 345336    | 63x18         |

flat 63x18 type M350



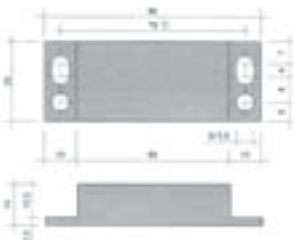
| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 519049    | 63x18         |

flat 76x23mm type M380



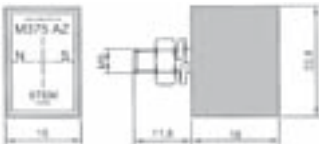
| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 345519    | 76x25         |

flat 88x25mm type M395



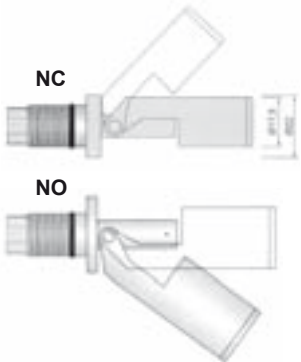
| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 345535    | 88x25         |

flat 23x15mm M375



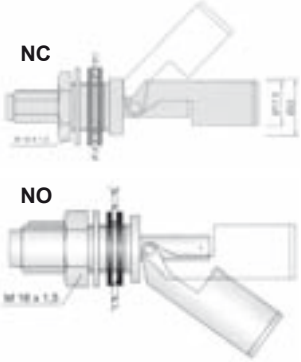
| pos. | order no. | measures (mm) |
|------|-----------|---------------|
| 1    | 347001    | 23x15         |

float switches  
float switch type A  
(mounting ø15mm)



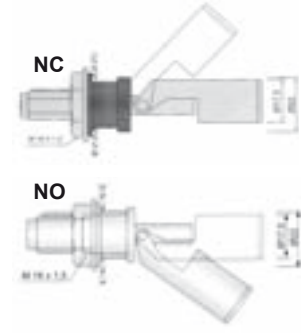
| pos. | order no. | function         | limiting values | connection (mm) |
|------|-----------|------------------|-----------------|-----------------|
| 1    | 345446    | INO<br>or<br>INC | 0,13A/250V/32W  | 250             |

float switch type B  
(mounting ø16mm)



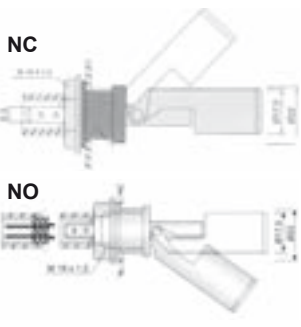
| pos. | order no. | function         | limiting values | connection (mm) |
|------|-----------|------------------|-----------------|-----------------|
| 1    | 345484    | INO<br>or<br>INC | 1A/250V/50W     | 2000            |

float switch type C  
(mounting ø22mm)



| pos. | order no. | function         | limiting values | cable (mm) |
|------|-----------|------------------|-----------------|------------|
| 1    | 345822    | INO<br>or<br>INC | 1A/250V/50W     | 2000       |

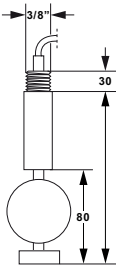
float switch type D  
(mounting ø22mm)



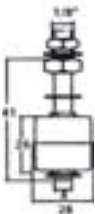
| pos. | order no. | function         | limiting values | connection (mm) (mm) |
|------|-----------|------------------|-----------------|----------------------|
| 1    | 345447    | INO<br>or<br>INC | 1A/250V/50W     | faston 6,3           |

# Switches 3

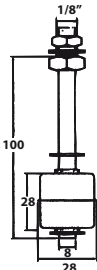
## float switches type E (mounting ø22mm)



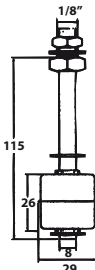
| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 400023    | 1CO      | 0,5A/230V/10W   | 1800       |



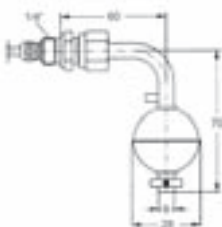
| pos. | order no. | function | suitable for | ref. no. |
|------|-----------|----------|--------------|----------|
| 1    | 347042    | 1NO      | Henkelmann   | 0220114  |



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 401986    | 1NO      | 1A/220V/60W     | 330        |



| pos. | order no. | function | suitable for | ref. no.      |
|------|-----------|----------|--------------|---------------|
| 1    | 402061    | 1NO      | Hatco        | 802.01.249.00 |



| pos. | order no. | function | limiting values | cable (mm) |
|------|-----------|----------|-----------------|------------|
| 1    | 401442    | 1NO      | 0,5A/250V/10W   | 2100       |

## proximity switch (inductive)



| pos. | order no. | mounting | function | limiting values | cable (mm) |
|------|-----------|----------|----------|-----------------|------------|
| 1    | 345900    | ø 12mm   | 1NO      | 0,2A/24-240V    | 2000       |
| 2    | 345698    | ø 12mm   | 1NC      | 0,2A/24-240V    | 2000       |
| 3    | 346578    | ø 18mm   | 1NO      | 0,35A/20-250V   | 2000       |

## photoelectric barriers



| pos. | order no. | mounting | function | limiting values | suitable for |
|------|-----------|----------|----------|-----------------|--------------|
| 1    | 401970    | ø 18mm   | 1NO      | 0,1A/15-264V    | Meiko        |

## photoelectric barriers



1



2

| item | order no. | suitable for | ref. no.             |
|------|-----------|--------------|----------------------|
| 1    | 402043    | Scotsman     | 65067402<br>78508602 |
| 2    | 402009    | Scotsman     | 65067400             |



| pos. | order no. | suitable for | ref. no.              |
|------|-----------|--------------|-----------------------|
| 1    | 402039    | Scotsman     | 78508600<br>78508602R |