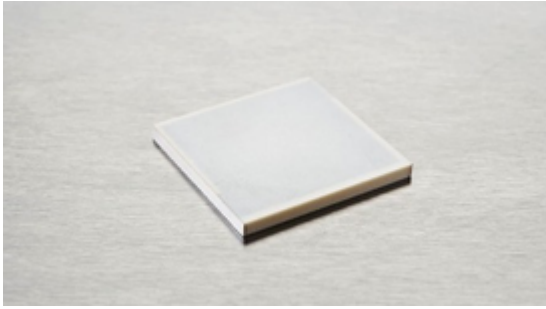


NAC2011



H\Y'a i`h]UmYf`d]Ync`UWwi`Uhcfg`WUbb`fYUWX`Z` ``
 dYfZcfa`UbVW`Uhj`Yfm`ck`cdYfUh]b[`j`c`hU[Y``H\Y
 d`UhY`UWwi`Uhc`f`B57&\$%`g`&l`&a`a`UbX`dfcj`]XYg`U
 ZfYY`ghfc`_Y`cZ`'``'`a`UbX`U`V`cW_]b[`ZcfW`cZ`%*,
 B"

SPECIFICATIONS

....
Attributes

Value

Tolerance

@Yb[h\`#ci`hYf`X]Ua`YhYf

&`a`a`

Ž`#`\$`%`\$`a`a`

K`]Xh\`#]bbYf`X]Ua`YhYf

&`a`a`

Ž`#`\$`%`\$`a`a`

<Y][`h

&`a`a`

Ž`#`\$`\$`a`a`

CdYfUh]b[`j`c`hU[Yž`a`U`I`"

%)`\$`J`

:`fYY`ghfc`_Yž`a`U`I`"

'`"```š`a`

Ž`#`%)`ı`

6`c`W_]b[`ZcfW`ž`a`U`I`"

%`*,`ı`B`

Ž`#`&`\$`ı`

7`UdUW]h]UbW`

&)`"\$`\$`b`:

Ž`#`%)`ı`

Gh]ZbYgg`

)`%`\$`\$`B`#`š`a`

Ž`#`&`\$`ı`

A`U`I`]a`i`a`i`cdYfUh]b[`hYa`dYfUhi`fY`

&`\$`\$`ı`..7`

A`U`hYf]U`

B`7`9`)%`

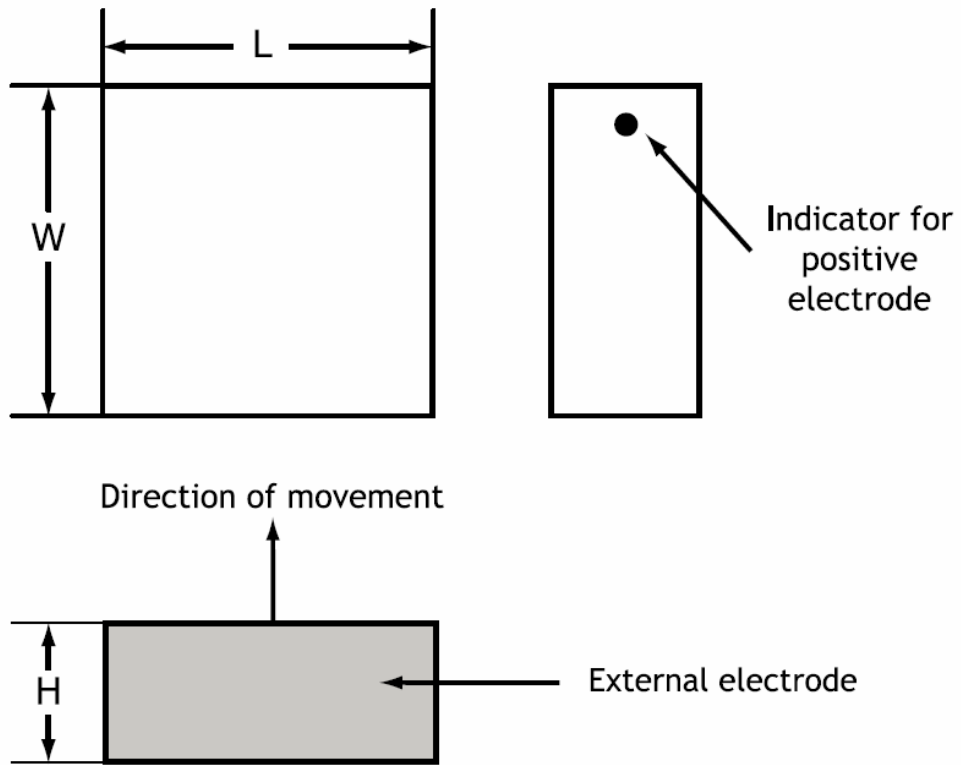
I`b`c`UXYX`fYgcbUbW`ZfYe`i`YbW`h`

2`(`,`*`_`<`n`

9`Y`W`f`c`X`Y`g`

G`W`Y`Y`b`!`d`f]b`h`Y`X`5`[`

DRAWINGS



MOUNT AND CONNECT

Mounting

H\Y`UWfi Uhcfg`UFY`i gi U`m[f]bXYX`cb`hcd`UbX`Vchca``gi fZUWg`fdYfdYbX]W`Uf`hc`h\Y`X]fYWh]cb`cZ
Yl dUbg]cbE`]b`cfXYf`hc`cVhU]b`ZUh`UbX`dUfU`Y`gi fZUWg`Zcf`a ci bh]b[""H\Y`UWfi Uhcfg`a UmVY`a ci bhYX`Y]h\Yf
Vmia`YWX`Ub]WU`WUa`d]b[`cf`[`i]b["

s

5j c]X]b[`g\cfh`WfW`]h`WU`b`Y]h\Yf`VY`UWX`]Yj`YX`Vms

s

5XX]b[`?Udhcb`Zc`]`cb`h\Y`a`YHU`]Wgi`fZUWg`"

<Uj`]b[`]bUW]j`Y`WfUa`]Wd`UhYg`VYhk`YYb`h\Y`UWfi`Uhc`f`UbX`h\Y`a`YHU`d`UhY`"

GHUW`YX`UWfi`Uhcfg`UFY`a`Ubi`ZUWfi`fYX`k`]h`hcd`UbX`Vchca``]bgi`Uh]b[`WfUa`]WYbX!d`UhYg`"

s

-Z[`i`YXz`]h`]g`]a`dcfhU`bh`hc`Ybgi`fY`U`j`Yfmh\]b[`i`Y`]bY`VYhk`YYb`h\Y`UWfi`Uhc`f`UbX`h\Y`gi`VghfUhY`" `h`]g
fYWca`a`YbXYX`h\Uh`U`dfYggi`fYz`Y`["`&!` `A`DUz`]g`Udd`]YX`Xi`f]b[`h\Y`W`f]b[`dfc`Wf`gg`"

s

Hc`Uj`c]X`]g][`b]Z]WU`bh`cgg`cZ`dYfZcfa`UbWf`z`h\Y`a`ci`bh]b[`cZ`h\Y`UWfi`Uhc`fg`g\ci`X`Uj`c]X`a`YWX`Ub]WU`WUa`d]b[
UbX`#cf`[`i]b[`cb`h\Y`g]XYg`cZ`h\Y`UWfi`Uhc`f`"

s

8i`f]b[`a`Ubi`ZUWfi`f]b[`cf`\`UbX`]b[`za`]bcf`WX`]dg`cb`h\Y`YbX!d`UhYg`WU`b`UddYUf`A`]bcf`WX`]dg`WU`bbch`VY
Uj`c]XYXz`Vi`h`gi`WX`WX`]dg`Xc`bch`UZYW`h`dYfZcfa`UbWf`"

s

Electrical connection

9I`hYfbU`Y`YWf`cXYg`

H\Y`YI`hYfbU`Y`YWf`cXYg`UFY`g`WfYYb`df]bhYX`g`]j`Yf`Ug`ghU`bXUfX`C`h\Yf`a`UhYf]U`g`z`Y`["`[`c`X`cf`g`]j`Yf`#d`U`UX]i`a
UFY`Uj`U]`UV`Y`cb`fYei`Ygh`H\Y`d`cg]h]j`Y`Y`YWf`cXY`]g`]bX]WU`hYX`Vm`U`V`UW`gdch`"

s

9`YWf]WU`W`bbYW]cb`hc`h\Y`YI`hYfbU`Y`YWf`cXYg`WU`b`VY`UWX`]Yj`YX`Vmia`YWX`Ub]WU`W`b`hUW`g`z`gc`XYf]b[`z[`i]b[

k]h\`Y`YVWf]WU`mVcbXi Vh]j Y`[`i Yg`cf`k]fY`VcbX]b["

s

A YWU Ub]WU`VcbYVh]cbg

A YWU Ub]WU`VcbYVh]cbg`WU`VY`UffUb[YX`VmY"["Vc`ddYf`gdf]b[g`VcbhUWYX`hc`h\`Y`YI`hYfbU`Y`YVWf`cXYg" `h]g`fYVca`a`YbXYX`hc`i`gY`YI`hYfbU`Y`YVWf`cXYg`cZ[c`X`]b`cfXYf`hc`Y`]a`]bUhY`cl`]XUh]cb`cZ`h\`Y`YVWf`cXYg"

s

Gc`XYf]b[

Gc`XYf]b[`Y`YVWf]WU`k`]fYg`hc`h\`Y`gWfYb!df]bhYX`g]j`Yf`Y`YVWf`cXY`a`U`Yg`Ub`YI`W`Y`b`h`Ub`X`h]a`Y!ghUV`Y`VcbYVh]cb" `b`cfXYf`hc`Uj`c]X`VX`U`Yb[Yg`k`]h`k`Yh]b[`h\`Y`gc`XYf`cb`h\`Y`g]j`Yf`gi`fZUW`Z`U`k`Umg`WYU`b`h\`Y`YI`hYfbU`Y`YVWf`cXYg`k`]h`U`[`Ugg`Vfi`g`l`cf`ghY`Y`k`cc`"

s

Gc`XYf]b[`a`UhYf]U`a`i`gh`VcbhU]b`5["

s

; `i`f]b[`k`]fY`VcbhUWg

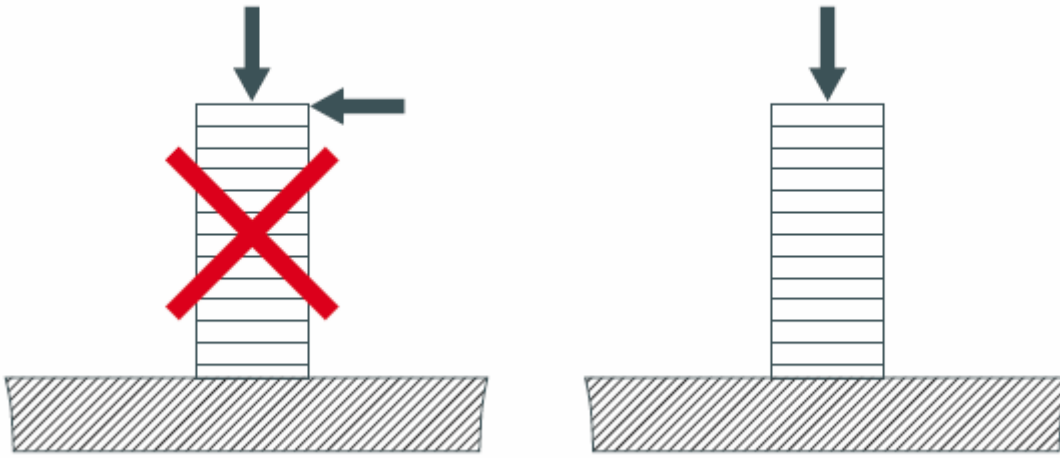
9`YVWf]WU`VcbYVh]cb`WU`b`U`gc`VY`UffUb[YX`Vm] `i`]b[`k`]fYg`hc`h\`Y`YI`hYfbU`g]j`Yf`Y`YVWf`cXYg" `Bc`]UW`fYVca`a`YbXg`U`h`c`Vca`dcbYbhgcZ`hYdcl`m[`i`Y`k`]h`a`]b]a`i`a`+` `i` `g]j`Yf`VcbhYbh`Ub`X`U`W`f]b[`hYa`dYfU`h`fY`VY`ck`%)`\$`..7`hc`Uj`c]X`XYdc`Uf]nUh]cb`cZ`h\`Y`d]YncWfUa`]Wa`UhYf]U"; `i`]b[`]g`fYVca`a`YbXYX`Ug`U`hYfbUh]j`Y`hc`gc`XYf]b[`h\`Y`k`]fYg`k`Yb`h\`Y`d]Ync`]g`k`cf`_]b[`Uh`][`Z`Yei`YbWncf`h\`Y`d]Ync`]g`gi`V`YVWYh`hc`][`h\`Y`fa`U`j`Uf]Uh]cbg`Z`ca`h\`Y`Ybj`]fcb`a`Ybh` `h]g`fYVca`a`YbXYX`hc`i`gY`YI`hYfbU`Y`YVWf`cXYg`cZ]j`Yf`]b`cfXYf`hc`UfVX`j`Y`[`cc`X`Y`YVWf]WU`VcbhUW`h`VY`h`Y`Yb`[`i`Y`Ub`X`Y`YVWf`cXY"

s

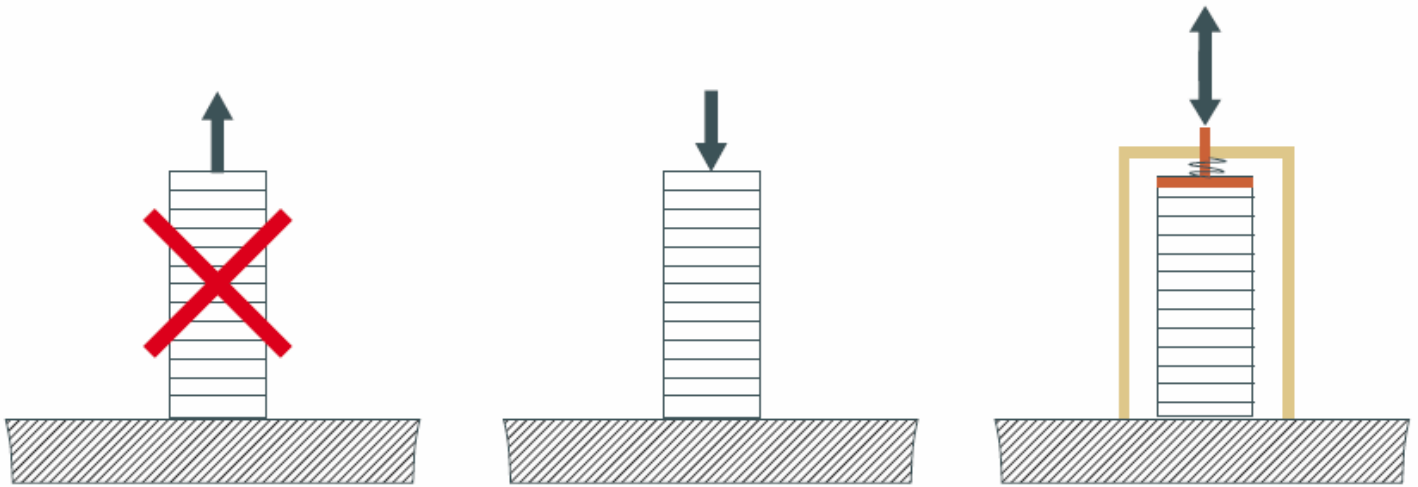
K]fY`VcbX]b[`VcbhUWg

9`YVWf]WU`VcbYVh]cb`WU`b`VY`XcbY`Vm`k`]fY`VcbX]b[`hc`h\`Y`YI`hYfbU`[c`X`Y`YVWf`cXYg" `Bc`]UWfYVca`a`YbXg`YI`hYfbU`[c`X`Y`YVWf`cXYg`Ug`[c`X`[YbYfUhYg`cb`m`U`h`]b`cl`]XY`UmYfz`k`]W` `Ug`hc`VY`dYbYfUH`YX`]b`h\`Y`k`]fY`VcbX]b[`Z`Vh]cb`dfc`W`gg`Ub`X`h\`Y`fY`Vm`Y`bgi`fYg`U`VY`hY`f`a`Y`W`U`b]WU`Ub`X`Y`YVWf]WU`VcbhUW"

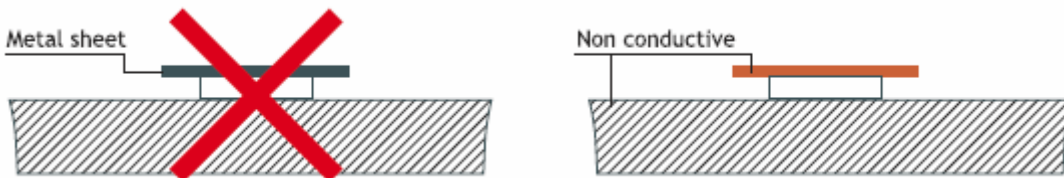
H\`Y`UW`h`U`h`c`f`g`a`U`m`c`b`m`VY`g`h`fY`gg`Y`X`U`I`U`m`H`]h]b[`Ub`X`g`Y`Uf]b[`Z`c`f`W`g`a`i`gh`VY`Uj`c]XYX"



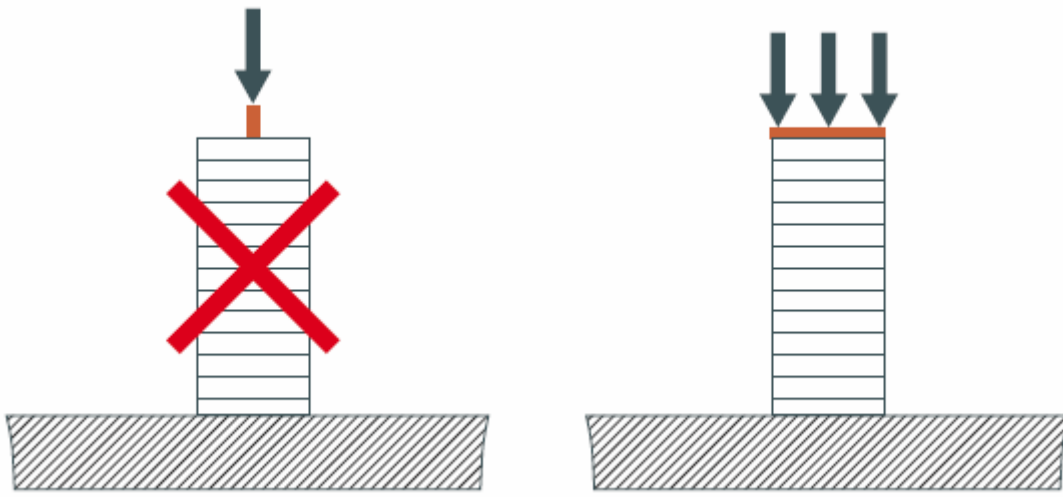
H\Y'UWfi Uhcfg'k]h'ci h'fY'cUX'UFY'gYbg]hj Y'hc'di''b['ZcfWg''-h]g'fYWta a YbXYX'hc'Udd'mU'dfY!'cUX'jb cfXYf'hc'cdh]a]nY'h\Y'dYfZcfa UbWg'cZ'h\Y'UWfi Uhcfg"



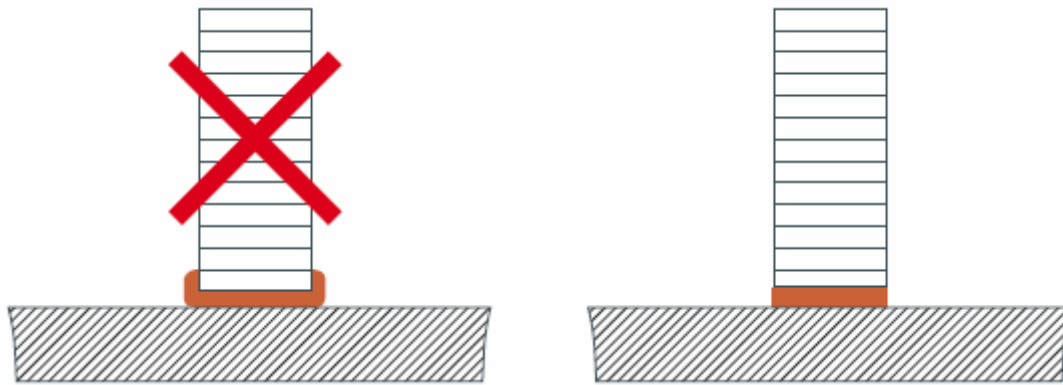
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H\Y'ZcfW'a i ghVY'Udd']YX'cb'h\Y'Z''gi fZJW'cZ'h\Y'UWfi Uhc'f'jb'cfXYf'hc'Uggi fY'U'[ccX'cUX'X]ghf]Vi h]cb"



9dcl m['i Yq'UfY'k Y''gi]hYX'Zcf'['i]b['d]YncWfUa]Wq"



WIRES

K \Yb'mci 'cfXYf'UW'i Uhc'fg'Zfca 'Bc'UW'Z'mci 'WU'b'\Uj'Y'k]fYg'Z]hYX'hc'gUj'Y'h]a Y'UbX'a cbYm'<ck Yj YfZ'mci g\ci 'X'W'ebg]XYf'h\YgY'dUfUa YhYfg'z'k \Yb'mci 'gY'VW'i'U'k]fY'Zcf'W'ebYVW]cb.s

- CdYfUh]cb'j c'hU[Y
- b'hYbg]hmcZ'W ffYbh
- CdYfUh]b['hYa dYfUhi fY
- 9bj]fcb'a Ybh'Zcf'YI Ua d'Y'j UW i a

We recommend Teflon wires

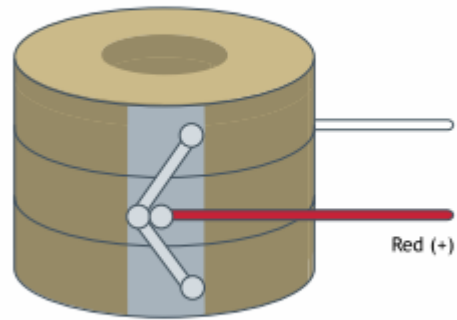
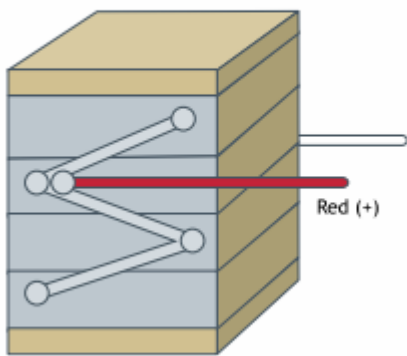
HYZcb'k]fYg'WU'b'ghU'X'hYa dYfUhi fYg'UV'cj Y'&\$\$" 7'z'k \YfYUg'DJ 7'k]fYg'cb'mfYg]gh'hYa dYfUhi fYg'i d'hc', \$ "7" b'hc'i [\ 'cdYfUh]b['W'ebX]h]cbg'cf']b'j UW i a ž]h'g'fYV'ca a YbXYX'U'k Ung'hc'i gY'HYZcb']gc'UhYX'k]fY'hc [i UfUbhY' h\Y'dfcdYf'dYfZ'ca UbVW'cZDNH!Y'Ya Ybhg"

Wire thickness (AWG)

H\Y'k]fY'h\]W_bYgg'fB'K ; Ě'g'XYhYfa]bYX'Vmi'h\Y'W ffYbh'h\Uh'\Ug'hc'VY'hfU'bg'a]hYX'hc'UbX'Zfca 'h\Y DNH!Y'Ya Ybh'h\Y'fYei]fYX'W ffYbh]g'XYhYfa]bYX'Vmi'h\Y'WU'dUW]hU'VW'cZ'h\Y'DNH!Y'Ya Ybh'z'h\Y'a UI]a i a Xf]j]b['Z'fYei YbVW'iUbX'h\Y'a UI]a i a 'j c'hU[Y'! d!d"

	Option A01	Option A02	Option C
Type	28 AWG Teflon	28 AWG Teflon	Custom
Length	200 +/- 10mm	200 +/- 10mm	To be defined
Position	Middle of the actuator	Middle of the actuator	To be defined
Direction	Perpendicular to the height	Toward top	To be defined

Type A01



Type A02

