# Proximity Sensors Capacitive Thermoplastic Polyester Housing Types EC, M18, M30, Cable 



## Product Description

Proximity switch in M18 and M30 housings. NPN, PNP and AC outputs. Adjustable
sensing distance. Polyester housing. Delivered with 2 m cable.

- Thermoplastic polyester housing, cylindrical
- Diameter: M18, M30
- Adjustable sensing distance
- Power supply: 10 to 40 VDC

20 to 250 VAC

- Output: Transistor NPN or PNP, make or break switching SCR, make or break switching
- Protection: Reverse polarity and short-circuit
- LED-indication for output ON
- 2 m cable

Type Selection, Transistor NPN/PNP Output DC Types

| Housing diameter | Rated operating dist. $\left(\mathbf{S}_{\mathrm{n}}\right)^{2)}$ | Ordering no. <br> Transistor NPN Make switching | Ordering no. <br> Transistor NPN Break switching | Ordering no. <br> Transistor PNP Make switching | Ordering no. <br> Transistor PNP <br> Break switching |
| :---: | :---: | :---: | :---: | :---: | :---: |
| M18 | $8 \mathrm{~mm}{ }^{11}$ | EC 1808 NPOP | EC 1808 NPCP | EC 1808 PPOP | EC 1808 PPCP |
| M30 ${ }^{\text {3 }}$ | $15 \mathrm{~mm}{ }^{11}$ | EC 3015 NNAP |  | EC 3015 PNAP |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| ${ }^{2}$ ) Object: Grounded steel plate <br> ${ }^{3}$ Not for new designs - for replacement part numbers contact sales office |  |  |  |  |  |

Type Selection, SCR Output AC Types

| Housing diameter | Rated operating dist. $\left(\mathbf{S}_{\mathrm{n}}\right)^{2)}$ | Ordering no. SCR <br> Make switching | Ordering no. SCR <br> Break switching |
| :---: | :---: | :---: | :---: |
| M18 | $8 \mathrm{~mm}{ }^{11}$ | EC 1808 TBOP | EC 1808 TBCP |
| M30 ${ }^{3}$ | $15 \mathrm{~mm}{ }^{1)}$ | EC 3015 TBOP | EC 3015 TBCP |
| ${ }^{1)}$ For non-flush mounting <br> ${ }^{2}$ ) Object: Grounded steel plate |  |  |  |
|  |  |  |  |
| ${ }^{3}$ Not for new designs - for replacement part numbers contact sales |  |  |  |

Specifications


Dimensions


Wiring Diagrams


## Installation Hints



## Power Supplies

Power supplies VDC: $>$ SS 130/140.
Power supplies with amplifier relays: > SV 190.

