



Détecteur de sécurité 120VA

La possibilité d'utiliser les détecteurs dans un boîtier M18 en inox et avec un aimant hygiénique adapté ouvre de nombreux champs d'application, en particulier dans l'industrie agroalimentaire.

Caractéristique du produit

- Indice de protection IP6K9K idéal pour les applications Wash-Down
- Raccordement variable avec sortie câble et pigtail M12
- Les grandes distances de commutation permettent un montage dissimulé
- Combinaison du détecteur et de l'actionneur en fonction de l'application (par ex. détecteur dissimulé derrière de l'inox, actionneur dans un boîtier en inox dans la zone de fonctionnement)

Dessin technique

PHOTO 1/3

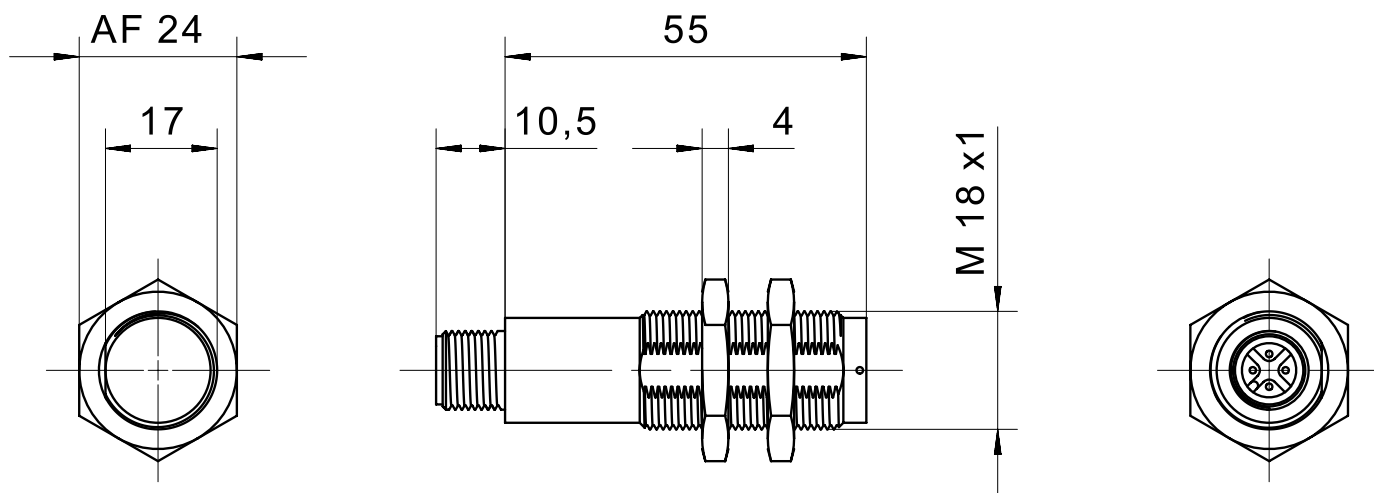
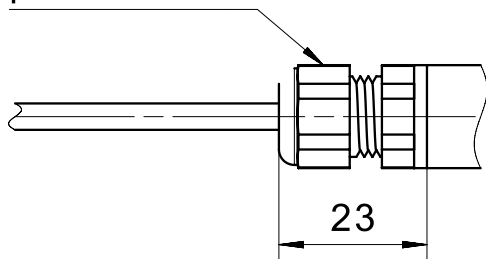
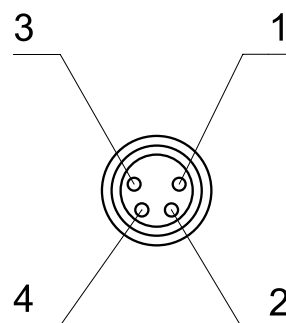


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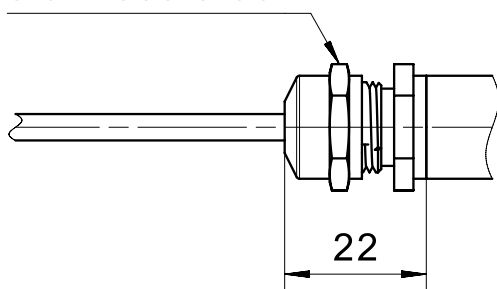
cable gland
plastic



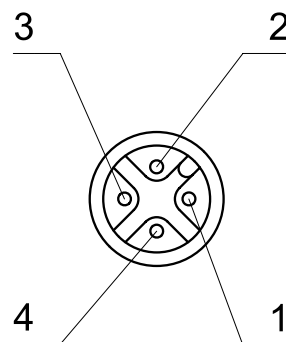
male M8



cable gland
stainless steel



male M12



pigtail M8
cable gland
nickel-plated brass

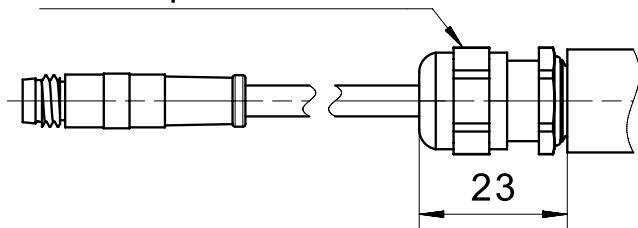
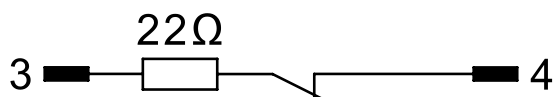
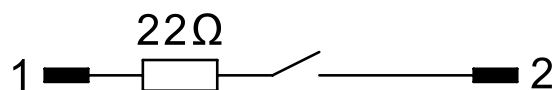
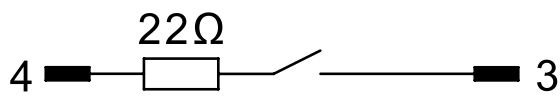
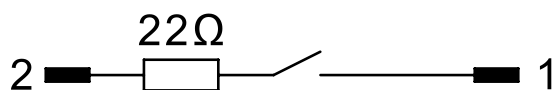


PHOTO 3/3

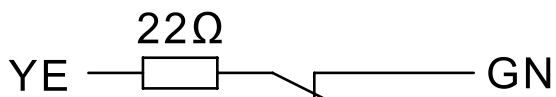
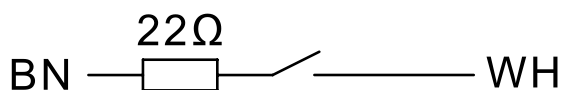
120272V01, 120272VY01



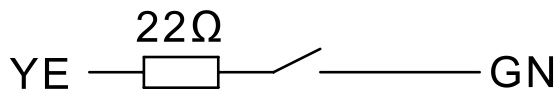
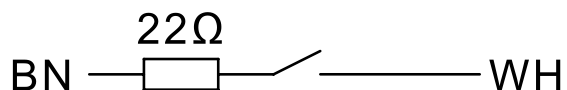
120V62VY01



120272V, 120272W
120271V, 120272W



120V62V, 120V62W



Options de produit

PHOTO 1/3



Suitable for front actuation. Assured switching distance (Sao) of up to 13 mm with standard actuators, up to 7 mm with extended-range actuators. Assured switch-off distance (Sar) of up to 35 mm with standard actuators, up to 23 mm with extended-range actuators.

PHOTO 2/3

ORDERING KEY

| | 120V62V | 120V62VY01 | 120V62W | 120272V | 120272VY01 |
|--|---------|------------|---------|---------|------------|
| Stainless steel housing M18 | X | X | X | X | X |
| Plastic cable gland | | - | - | X | - |
| Nickel-plated brass cable gland | | - | | - | - |
| Stainless steel cable gland | | - | X | - | - |
| M8x1 pigtail and connector, 4-pin | | - | - | - | - |
| M12x1 housing connector, 4-pin | | X | - | - | X |
| Connection cable 1m* | | - | X | X | - |
| N.O./N.O. contacts | | X | X | - | - |
| N.O./N.C. contacts | | - | - | X | X |
| Coded | | X | X | X | X |
| Uncoded | | - | - | - | - |

| | 120272V01 | 120272W | 120271V | 120271W | |
|--|-----------|---------|---------|---------|--|
| Stainless steel housing M18 | X | X | X | X | |
| Plastic cable gland | - | - | X | - | |
| Nickel-plated brass cable gland | X | - | - | - | |
| Stainless steel cable gland | - | X | - | X | |
| M8x1 pigtail and connector, 4-pin | X | - | - | - | |
| M12x1 housing connector, 4-pin | - | - | - | - | |
| Connection cable 1m* | - | X | X | X | |
| N.O./N.O. contacts | - | - | - | - | |
| N.O./N.C. contacts | X | X | X | X | |
| Coded | X | X | - | - | |
| Uncoded | - | - | X | X | |

* Other cable lengths, cable materials and connector types on request

PHOTO 3/3

MATCHING ACTUATORS

| Actuators | Actuation direction | 120V62V | | | 120V62VY01 | | | 120V62W | | | 120272V | | | 120272VY01 | | |
|----------------------|---------------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|
| | | S _{0 min} | S _{ao} | S _{ar} | S _{0 min} | S _{ao} | S _{ar} | S _{0 min} | S _{ao} | S _{ar} | S _{0 min} | S _{ao} | S _{ar} | S _{0 min} | S _{ao} | S _{ar} |
| 304 200 00 | Front | 0.5 | 4 | 18 | 0.5 | 4 | 18 | 0.5 | 4 | 18 | 0.5 | 4 | 18 | 0.5 | 4 | 18 |
| 304 200 00 V | | 0.5 | 4 | 18 | 0.5 | 4 | 18 | 0.5 | 4 | 18 | 0.5 | 4 | 18 | 0.5 | 4 | 18 |
| 304 200 00 H | | 0.5 | 4 | 18 | 0.5 | 4 | 18 | 0.5 | 4 | 18 | 0.5 | 4 | 18 | 0.5 | 4 | 18 |
| 304 200 00 S | | 3 | 7 | 20 | 3 | 7 | 20 | 3 | 7 | 20 | 3 | 7 | 20 | 3 | 7 | 20 |
| 304 200 00 VS | | 3 | 7 | 20 | 3 | 7 | 20 | 3 | 7 | 20 | 3 | 7 | 20 | 3 | 7 | 20 |
| 304 200 00 SH | | 3 | 7 | 20 | 3 | 7 | 20 | 3 | 7 | 20 | 3 | 7 | 20 | 3 | 7 | 20 |
| 300 785 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 300 785 V | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 300 785 VH | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| Actuators | Actuation direction | 120V62V | | | 120V62VY01 | | | 120V62W | | | 120272V | | | | | |
|----------------------|---------------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|--|--|--|
| | | S _{0 min} | S _{ao} | S _{ar} | S _{0 min} | S _{ao} | S _{ar} | S _{0 min} | S _{ao} | S _{ar} | S _{0 min} | S _{ao} | S _{ar} | | | |
| 304 200 00 | Front | 0.5 | 4 | 18 | 0.5 | 4 | 18 | - | - | - | - | - | - | | | |
| 304 200 00 V | | 0.5 | 4 | 18 | 0.5 | 4 | 18 | - | - | - | - | - | - | | | |
| 304 200 00 H | | 0.5 | 4 | 18 | 0.5 | 4 | 18 | - | - | - | - | - | - | | | |
| 304 200 00 S | | 3 | 7 | 20 | 3 | 7 | 20 | - | - | - | - | - | - | | | |
| 304 200 00 VS | | 3 | 7 | 20 | 3 | 7 | 20 | - | - | - | - | - | - | | | |
| 304 200 00 SH | | 3 | 7 | 20 | 3 | 7 | 20 | - | - | - | - | - | - | | | |
| 300 785 | | - | - | - | - | - | - | 0.5 | 13 | 35 | 0.5 | 13 | 35 | | | |
| 300 785 V | | - | - | - | - | - | - | 0.5 | 13 | 35 | 0.5 | 13 | 35 | | | |
| 300 785 VH | | - | - | - | - | - | - | 0.5 | 13 | 35 | 0.5 | 13 | 35 | | | |

S_{0 min} = minimum switching distance (mm), S_{ao} = operating distance (mm), S_{ar} = assured switch-off distance (mm)

Caractéristiques des articles

| Attributs | 120V62VY01 | 120272VY01 |
|---|---------------|-------------|
| Tension de commutation min. | 19,2 V DC | |
| Tension de commutation max. | 28,8 V DC | |
| Courant de commutation max. | 0,1 A | |
| Puissance de commutation max. | 3 W | |
| Fréquence de commutation | 5 Hz | |
| Distance de connexion de sécurité (Sao) | 4 mm | |
| Distance de déconnexion de sécurité (Sar) | 18 mm | 22 mm |
| Distance de connexion min. (S0 min.) | 0,5 mm | |
| Affichage à LED | Non | |
| Actionnement | frontal | |
| Principe de commutation | magnétique | |
| Résistance série | 22 Ohm | |
| Technologie | Reed | |
| Type de contact | NO/NO | NO/NF |
| Degré de pollution | 3 | |
| Indice de protection | III | |
| Codage selon EN ISO 14119 | Faible | |
| B10d selon EN ISO 13849-1 | 20000000 | |
| Type de construction selon EN ISO 14119 | 4 | |
| Durée de vie en années | 20 a | |
| Structure selon EN ISO 13849-1 | À deux canaux | |
| Forme du boîtier | cylindrique | |
| Dimensions | M18 x 55mm | M18 x 55 mm |
| Encastrement non noyé | oui | |
| Maintien existant | non | |
| Matériau du boîtier | Edelstahl | |
| Matériau des écrous | Edelstahl | |
| Couleur du boîtier | silber | |

| Attributs | 120V62VY01 | 120272VY01 |
|-----------------------------------|---|----------------|
| Indice de protection | IP69K DIN 40050-9 - IP68 1barDIN EN 60529 | |
| Indice de protection connecteur | IP67 DIN EN 60529 | |
| Température de service min. | -25 °C | |
| Température de service max. | 75 °C | |
| Résistance aux chocs (Norme) | 30g / 11ms | |
| Résistance aux vibrations (Norme) | 10 - 55Hz | |
| Température de stockage min. | -25 °C | |
| Température de stockage max. | 75 °C | |
| Type de fixation | Écrou de fixation | |
| Filetage | M18 | |
| Type de connecteur | M12x1 - 4 polig | M8x1 - 4 polig |
| Marquage CE | oui | |
| Actionneurs possibles | 30420000 | |