

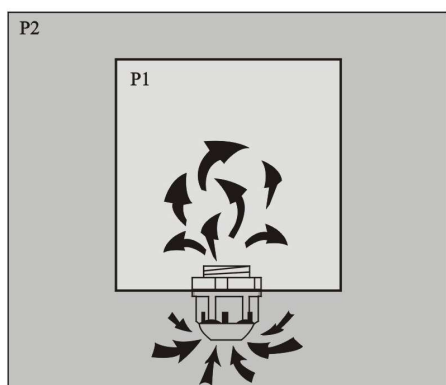


In afgesloten ruimten zoals in een Ex eb behuizing bestaat de kans dat er door temperatuurverschil condensvorming optreedt. Om dit te voorkomen worden deze behuizingen voorzien van een ontluchtingsklep. Deze klep zorgt ervoor dat de binnen - en buitenatmosfeer worden vereffend zodat eventuele condensvorming wordt voorkomen. Mocht er toch vocht in de behuizing komen dan wordt deze door de klep afgevoerd. Index Elektro BV levert een aantal verschillende uitvoeringen. Zo zijn er kunststof types, messing types en leveren we zelfs een RVS316L type.

In enclosed spaces such as in an Ex eb housing, there is a risk that due to temperature difference condensation occurs. To prevent this, these boxes are fitted with a vent valve. This valve ensures that the indoor and outdoor atmospheres are equalized so that any condensation is prevented.

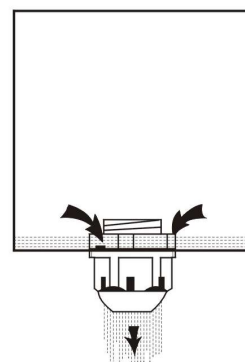
If moisture does get into the box, it drains through the valve.

Index Elektro BV supplies a number of different versions. be like that there are nylon types, brass types and we even supply a Stainless Steel 316L type.



P1 = inside box  
P2 = atmosphere

P1 = in de behuizing  
P2 = atmosfeer



## Technische informatie:

Ex marking: II 2 G Ex eb IIC Gb  
 II 2 D Ex tb IIIC Db  
 Geschikt voor zone 1, 2, 20, 21 and 22  
 Omgevingstemperatuur:  $-40^{\circ}\text{C} \leq T_a \leq 55^{\circ}\text{C}$

Conform de standaards: EN60079 en EN61241

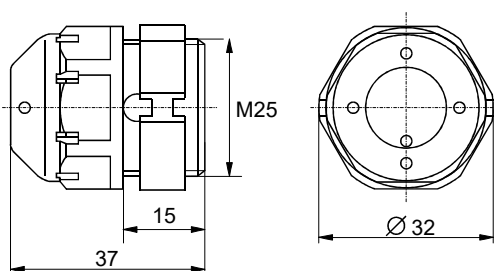
## Main technical data:

Ex mark: II 2 G Ex eb IIC Gb  
 II 2 D Ex tb IIIC Db  
 Can be used in zone 1, 2, 21 and 22  
 Ambient temperature:  $-40^{\circ}\text{C} \leq T_a \leq 55^{\circ}\text{C}$

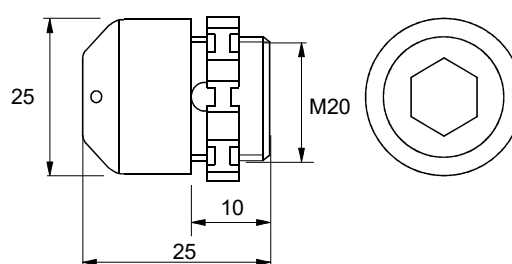
Meets the standards: EN60079 and EN61241

| Afbeelding<br>Illustration | Tapmaat<br>Thread | Materiaal<br>Material                           | Beschermingsgraad<br>Degree of protection                                                         | Geschikt voor:<br>Suiteble for:                                              | Type       |
|----------------------------|-------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------|
|                            | M25 x 1,5         | Polyamide                                       | IP64 vrije montage<br>IP65 montage in onderzijde<br>IP64 free mounting<br>IP65 mounting in bottom | Alle Ex eb behuizingen<br>All Ex eb boxes                                    | IE2825 - P |
|                            | M25 x 1,5         | RVS316L<br>St.St. 316L                          | IP64 vrije montage<br>IP65 montage in onderzijde<br>IP64 free mounting<br>IP65 mounting in bottom | RVS Ex eb behuizingen<br>SS Ex eb boxes                                      | IE2825 - S |
|                            | M25 x 1,5         | Messing<br>vernikkeld<br>Brass<br>nickel plated | IP64 vrije montage<br>IP65 montage in onderzijde<br>IP64 free mounting<br>IP65 mounting in bottom | Ex eb behuizingen<br>met messing wartels<br>Ex eb boxes with<br>brass glands | IE2825 - B |
|                            | M20 x 1,5         | Nylon                                           | IP66 - T.A $-20^{\circ}\text{C} \leq T_a \leq 55^{\circ}\text{C}$                                 | Kleine Ex eb<br>behuizingen<br>Small Ex eb boxes                             | IE2820 - P |
|                            | M12 x 1,5         | RVS316L<br>St.St. 316L                          | IP66                                                                                              | Kleine Ex eb<br>behuizingen<br>Small Ex eb boxes                             | IE2812 - S |

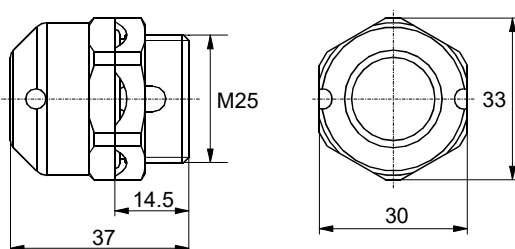
## Afmetingen Dimensions



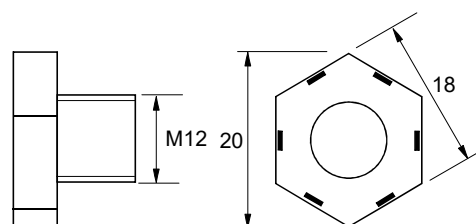
IE2825 - P



IE2820 - P



IE2825 - B / IE2825 - S



IE2812 - S