



**Blind Plug  
M20 x 1,5**




**Blind Plug  
M25 x 1,5**



## Installation

Installation of the blind plugs must be completed by a skilled technician or engineer. Failure to comply with the instructions below will render the ATEX/IECEX certifications **INVALID**. **The blind plug may not be modified by the customer.**

1. Thread size: M20 x 1,5 and M25 x 1,5.
2. Tighten blind plug: **M20x1,5** - 50 Nm (37 lb/ft) torque, **M25x1,5** - 65 Nm (48 lb/ft) torque.
3. The blind plug is manufacturer in stainless steel AISI316L (1.4404).
4. IP 68 up to 1 meter, 60 minutes.
5. The operating temperature range is -60°C to +120°C. The temperature locally and internally to the blind plugs when fitted into an enclosure must be taken into account, in addition to the external ambient temperature range.
6. When fitted to a non-metallic/non-conductive enclosure conformity with clause 7.5 of IEC 60079-0:2011 (Accessible metal parts) must be confirmed.
7. When used in flameproof (Ex d) applications, the wall of the flameproof enclosure into which it is fitted shall be such as to maintain at least 5.34 full threads or 8mm of engagement.
8. Blanking elements must not be used with a thread adaptor.
9. Marking:
 

XXXX <sup>1</sup>		I M2 Ex db I Mb II 2G Ex db IIC Gb II 2D Ex tb IIIC Db IP 66/68
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<sup>1</sup>) It is place for the specific number for the QAN issuer.

10. Marking engraved on the Blind Plug is reduced according to IEC 60079-0 Clause 29.10.
11. Certificate number:

- a. ITS 14 ATEX 18058X
- b. IECEX ITS 14.0035X
- c. IECEX TSA 15.0002X

(see certification on [www.scancon.dk](http://www.scancon.dk))

12. Blind plugs comply with the following standards:

<b>IEC 60079-0:2011 Ed. 6</b>	Explosive atmospheres - Part 0:Equipment – General requirements
<b>EN 60079-0:2012 +A11:2013</b>	
<b>IEC 60079-1:2014 Ed.7</b>	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>EN 60079 – 1:2014</b>	

**IEC 60079-31:2013 Ed. 2**  
**EN 60079 – 31:2014**  
**IEC 60529:2001**

Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure “t”  
Degrees of Protection Provided by Enclosure (IP code)

## Caution

- **Blind Plug is not to be used with an adapter.**
- **Maintenance is not necessary. Any required maintenance or repair is to be done only by the manufacturer.**

Contact your local Scancon Agent or Distributor with any questions (check [www.scancon.dk](http://www.scancon.dk) for information).

*NOTE: Adding other data (on other CB request) or changing layout to this Installation Manual does not conflict with the actual data in this document, QPS and ATEX/IECEX certification. Adding the new data to this document cause change of revision number and the change not need to be notified by Certification Body.*