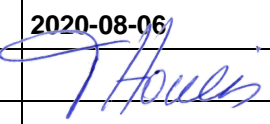


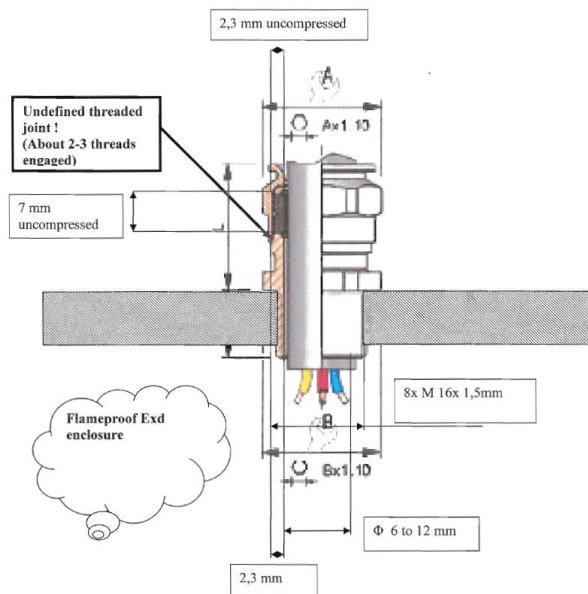
ExNB	Co-ordination of Notified Bodies Directive 2014/34/EU of the European Parliament and of the Council (ATEX) <i>Equipment and protective systems intended</i> <i>for use in potentially explosive atmosphere</i>	Clarification Sheet N° ExNB/CS/022
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Originator	FTZU	Status:	Initial proposal	Date:	2009-05-03
			Responses/Final Draft	Date:	2012-03-06

Cable entries according to 5.3 of EN 60079-1:2014

Authorised by Chairman:	Dr. Thedens	Date:	2012-04-13
Confirmed by Chairman: (Step*5.2.5)	Mr. Houeix	Date:	2020-08-06
		Signature:	
Former number of document:	ExNB/12/344/CS		

Question: Shall be the threaded joint between the body and cap of the cable gland in compliance with the Table 3 of EN 60079-1:2014 in the case of design mentioned in the picture (The dimensions shown in the drawing are incorrect.)?



Answer: Yes. The threaded joint is located before the sealing ring downstream of explosion and the tightness by the sealing ring cannot be defined as a flameproof joint. Hence, the mating threads between the male entry compartment and the femal backnut shall comply with the requirements of the Table 3 or 4 and shall be tested as flameproof joint. The seal on the cable will need to comply with Annex C. This answers was confirmed by the responsible Maintenance Team for the IEC 60079-1 during the MT-meeting in Melbourne 2011.

Subject:	Directive, 2014/34/EU Article No.	
	Directive, ESR No.	1.2.9, 1.6.4
	Directive, Module Annex No.	III
	Standard, No.	EN 60079-1:2014