



- Hazardous location conduit hubs "increased safety"
- Wide range of NPT thread sizes
- Large temperature range of use
- Globally marked, IECEx, ATEX and cULus
- Integrated self-loosening protection through threaded pin

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WebCode **8166A**



R. STAHL's 8166 series conduit hubs are used to insert permanently installed conduit systems with NPT threads into electrical equipment with type of protection Increased Safety "e" or Protection by Enclosure "tb" and suitable for NEMA type 4X installation.

	NEC® 500 CE Code Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Ex interface						
Installation in		•		•		•

	CE Code Section 18					
	NEC® 505 Class I			NEC® 506		
Zone	0	1	2	20	21	22
Ex interface						
Installation in		•				

	IECEx / ATEX					
	Zone	0	1	2	20	21
Ex interface						
Installation in		•	•		•	•

Selection Table					
Product Description	Conduit hub				
Thread size	Product Type			Art. No.	Weight
NPT1	8166/11-03-NE			139084	180 g
NPT1/2	8166/11-01-NE			139082	121 g
NPT1-1/2	8166/11-05-NE			139086	240 g
NPT1-1/4	8166/11-04-NE			139085	210 g
NPT2	8166/11-06-NE			139087	270 g
NPT2-1/2	8166/11-07-NE			139088	300 g
NPT3	8166/11-08-NE			139089	330 g
NPT3/4	8166/11-02-NE			139083	150 g

Technical Data	
Explosion Protection	
Scope of validity	USA Canada European Union (ATEX) IECEx
Certificate ULus	E200949V1S2
Marking ULus	Class I, Zone 1 AEx e II Class I, Div. 2, Groups A,B,C,D Class II, Div. 2, Groups F,G Class III Type 3, 4, 4X
Certificate cUL	E200949V1S2

Technical Data	
Explosion Protection	
Marking cUL	Class I, Zone 1 Ex e II Class I, Div. 2, Groups A,B,C,D Class II, Div. 2, Groups F,G Class III Type 3, 4, 4X
IECEX gas explosion protection	Ex eb IIC Gb
IECEX dust explosion protection	Ex tb IIIC Db
Certificates	ATEX (PTB), Canada / USA (UL), Canada (UL), IECEX (PTB)
Electrical Data	
Grounding terminal	Yes
Ambient Conditions	
Ambient temperature °F	-22 °F ... +212 °F
Ambient temperature °C	-30 °C ... +100 °C
Mechanical Data	
Type (NEMA)	3, 4, 4X
Degree of protection (IP)	IP66
Degree of protection (IP) (IEC 60529)	IP66
Material	Zinc