



- For use in Zones 1 and 2
- With Ex eb type of protection
- Easy connection thanks to spring clamp terminals
- Data rate up to 1000 Mbit/s
- Suitable for Power over Ethernet (PoE)

A5

MY R. STAHL 8187A



This terminal is designed to connect Ethernet cables in hazardous areas. The connection technology that is standard for data transmission, such as RJ45 plug connectors, can only be used directly in safe areas, while the Ethernet terminal with Ex eb type of protection makes cost-effective use possible in Ex enclosures with easy mounting.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•			

Selection Table

Product description	Network technology Ethernet terminal for Zone 1	
Product Type	Art. No.	Weight
8187/10-0	277549	175 g

The Ethernet terminal is available installed in an Ex e enclosure, see accessories. Enclosure variants on request.

Technical Data

Explosion Protection	
IECEx gas explosion protection	Ex eb IIC Gb
ATEX gas explosion protection	II 2 G Ex eb IIC Gb
Certificates	ATEX (IBE), Brazil (ULB), China (CQST), IECEx (IBE)
Declaration of conformity	Certificate of conformity (ATEX), China (CCC)
Electrical Data	
Transfer rate	10/100/1000 BaseT
DC rated operational voltage	60 V
Rated operational current	0.5 A
Ambient Conditions	
Ambient temperature	-40°C ... +75°C
Mechanical Data	
Degree of protection (IP) (IEC 60529)	IP20
Mounting / Installation	
Mounting type	On NS 35 DIN rail (DIN EN 60715)

Accessories				
Figure	Description	Art. No.	Weight	
Ex e enclosure with Ethernet terminal				
	8146/5041+ 8187 (1 x Ethernet terminal) Polyester resin, Glass fibre reinforced	257033	-	
	8150/5-0176-0116-091-3311+ 8187 (1 x Ethernet terminal) Stainless steel 1.4404, (AISI 316L), brush finished	241703	2.5 kg	

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

