

 <b>Danesh Aria</b> شرکت دانش آریا (سهامی خاص)		CLIENT:	---
		DOC NO.:	---
		TITLE:	<b><u>Spark Gap EX ISG H 350</u></b>
Standard: Spark gap to VDE 0185-561-3 (IEC 62561-3)	Date:	---	

# Spark Gap EX\_ISG\_H 350 Data Sheet



 <b>Danesh Aria</b> شرکت دانش آریا (سهامی خاص)	 <b>OBO</b> BETTERMANN	CLIENT:	---
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Standard: Spark gap to VDE 0185-561-3 (IEC 62561-3)		Date:	---
1	<b>Technical Data Sheet</b>	<ul style="list-style-type: none"> <li>• Spark gap to VDE 0185-561-3 (IEC 62561-3)</li> <li>• Ex certificate to ATEX</li> <li>• Labelling to EN 60079-0/-1: II 2 G Ex db. IIC T6 Gb</li> <li>• Labelling to EN 60079-0/-31: II 2 D Ex td IIIC T80 °C Db IP67</li> <li>• Ex certificate to IECEx</li> <li>• Labelling to IEC 60079-0/-1: Ex db. IIC T6 Gb</li> <li>• Labelling to IEC 60079-0/-31: Ex td IIIC T80 °C Db IP67</li> <li>• Ex certificate to INMETRO</li> <li>• Labelling to ABNT NBR IEC 60079-0/-1: Ex db. IIC T6 Gb</li> <li>• Labelling to ABNT NBR IEC 60079-31: Ex td IIIC T80 °C Db IP67</li> </ul>	
		<p><b>Application:</b> In potentially explosive areas zone 1/21 and 2/22, indirect bridging of insulating flanges and insulating glands, e.g. in cathodic, corrosion-protected (KKS) systems.</p>	
2	<b>Master Data</b>	Item no. Type Description 1 Description 2 Dimension Material Smallest sales unit Weight	5240031 EX ISG H 350 Spark gap 1 cable indirect equipotential bonding 350mm Hot melt 1,00 Piece 57,26 kg/100 pc.

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**Comparison of Spark Gap OBO EX\_ISG\_H 350 with Spark Gap OBO 480-EX:**

	OBO	OBO
Type	EX ISG H	480 Parex
Item no	5240 030	5240034
Lightning current capability (10/350 μs)	100 kA	100 kA
Impuls current (8/20 μs)	100 kA	100 kA
Uw AC Nom	250 V	500 V
Uw DC Nom	354 V	700V
Up Protection level	≤ 1,25 kV	≤ 5 kV
Bemessungs-Ableitstrom (50 / 60 Hz) (Imax)	500 A / 0,5 sec	
Lightning current carrying capacity class	H	H
ATEX	II 2 G Ex db IIC T6 Gb II 2 D Ex tb IIIC T80°C Db	DNV 12.0182 X IECEX BVS 12.0028X BVS 04 ATEX E 054
IECEX	Ex db IIC T6 Gb Ex tb II C db	