



Certificate No.: E-11674
 File No.: 828.90
 Job Id.: 262.1-011893-1

Product description

Type	EXIOS
Design Specification / Compliance Code	EN/IEC60079-0:2009, EN/IEC60079-1:2007, EN/IEC60079-7:2007, IEC/EN 60079-31:2009, IEC 60529
Classification Hazardous Area	II 2G Ex de IIC Gb / II 1D Ex ta IIIC Da
Certification	ATEX: No. BVS 10 ATEX E062X & IECEX: No. BVS 10.0078X
Continuous operating temperature range	- 60 to +105°C
Ingress protection	IP66, IP67 & IP68 (5 bar).
Gland material	Brass
Seal material	Black neoprene or Red silicon
Cable type	Braided, Armoured or Unarmoured
Gland sizes	Metric thread size: 16, 20, 25, 32, 40, 50, 63, 75 NPT thread size: 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"
Optional accessories	PVC Shroud, Locknut, Earth tag, IP washer, Serrated washer.

Type	EXIOS BARRIER
Design Specification / Compliance Code	EN/IEC60079-0:2009, EN/IEC60079-1:2007, EN/IEC60079-7:2007, IEC/EN 60079-31:2009, IEC 60529
Classification Hazardous Area	I M2 Ex d I Mb / Ex e I Mb II 2G Ex d/e IIC / Gb / Ex e IIC Gb II 1D Ex ta IIIC Da IP 66 / 67 / 68
Certification	ATEX: No. Sira ATEX 1110x & IECEX: No. 11.0044 X
Continuous operating temperature range	- 60 to +85°C
Ingress protection	IP66, IP67 & IP68 (5 bar).
Gland material	Brass
Seal material	Black neoprene or Red silicon
Cable type	Braided, Armoured or Unarmoured
Gland sizes	Metric thread size: 20, 25, 32, 40, 50, 63, 75. NPT thread size: 3/8", 3/4", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3".
Optional accessories	PVC Shroud, Locknut, Earth tag, IP washer, Serrated washer.

Application/Limitation

Manufacturer's application instructions to be followed. Manufacturer's assembly instructions to be followed.

The information related to Ex certification from recognised test institution is given as information only. Applications where Ex certified equipment is required will in general be subject to approval case by case based on documentation as required in DNV Rules.

Type Approval documentation for cable glands

Technical info:	"HUMMEL-Setting Standard" brochure for EXIOS / "HUMMEL-Setting Standard" brochure for EXIOS Barrier
Drawings:	
EXIOS	EXIOS M20x1,5 Art.no. 1.605.200052 dated 2010-06-17 & EXIOS NTP 1/2" Art. no. 1.605.1200.71 dated 2010-07-16
EXIOS BARRIER	EXIOS Compound M20x1,5 Art. no. E-10010830 dated 2011-04-11 & EXIOS Compound NPT 1/2" Art. No. E-11010365 dated 2011-04-11.

Test reports/Certificates:

DEKRA Test and Assessment report no. BVS PP 10.2198 EG dated 2010-07-21
 DEKRA IECEX Certificate of Conformity no. IECEX BVS 10.0078X dated 2010-11-21
 Sira Assessment Report no. R23555A/00 dated 2011/09
 Sira IECEX Certificate of Conformity no. IECEX SIR 11.0044X dated 2011-10-14
 Sira EC Type-Examination Certificate no. Sira 11ATEX1110x undated.