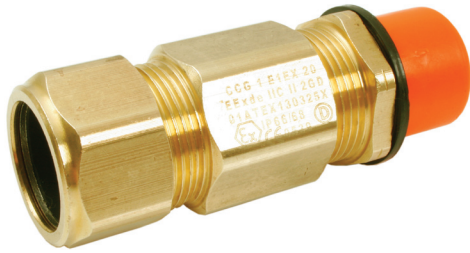


Explosion Proof Gland E1EX EExde IIC

Eland Product Group **E1EX**



Application

E1EX brass cable glands are suitable for use with all types of steel wire, braid, tape armour cables. The glands are suitable for use outdoors and in hazardous areas.

Standards

IP66/68 (Dust-tight. Protected against direct sprays from all directions - limited ingress permitted. Protection against complete, continuous submersion in water from 15 meters or 50 feet)

Technical Data

Gland Material

Brass

Cable Type

Steel wire, braid, tape armour

Armour Clamping

Multi armour cone and cone ring

Seal Material

TPE (Thermoplastic Elastomer) or Silicone on request

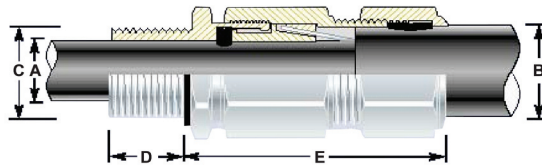
Sealing Area

Inner and outer sheath

Features and Benefits

- two piece handling, no loose parts
- multi armour captive cone, providing an armour clamp and earth bond for steel wire, braid and tape armoured cable
- no need to reverse cones or cone rings or change seals to accommodate different armour cable
- patented disconnect system that allows inspection of armour clamp and inner seal after assembly
- factory fitted captive elastomeric seals for built in safety
- precision manufactured from high quality brass
- complete with a PP (Polypropylene) gasket

Dimensions



Eland Part Number	Gland Size	Entry Thread Metric NPT C mm	Entry Thread D mm	Overall Cable Diameter Min-Max. A mm	Overall Cable Diameter Min-Max. B mm	Overall Armour Diameter Min-Max. mm	Overall Length E mm	Hexagonal Details Flats mm	Hexagonal Details Crns mm
E1EX16SS	00-16ss	M16	15	3.0-8.0	8.0-13.5	0.20-1.25	53	24	27
E1EX20SS	00-20ss	M20-0.5	15	3.0-8.0	8.0-13.5	0.20-1.25	53	24	27
E1EX20S	0-20s	M20-0.5	15	8.0-12.0	11.5-16.0	0.20-1.25	53	24	27
E1EX120	1-20	M20-0.50/0.75	15	11.0-15.5	14.5-21.0	0.20-1.25	56	27	31
E1EX225	2-25	M25-0.25/1.00	15	15.0-20.5	20.5-27.0	0.20-1.60	60	35	40
E1EX332	3-32	M32-1.00/1.25	15	20.0-26.5	26.5-33.5	0.20-2.00	66	42	48
E1EX440	4-40	M40-1.25/1.50	20	26.0-34.5	33.0-43.0	0.30-2.00	78	52	60
E1EX550	5-50	M50-1.50/2.00	20	34.0-44.5	42.5-52.5	0.40-2.50	87	65	75
E1EX663	6-63	M63-2.00/2.50	20	44.0-57.0	52.5-65.5	0.40-2.50	110	82	94
E1EX775	7-75	M75-2.50/3.00	20	56.0-68.0	65.5-78.0	0.40-3.00	118	96	110

The information contained within this datasheet is for guidance only – actual cable dimensions should be considered before making final selection as these may vary due to manufacturing tolerances.