

# Earth lead adaptors and threaded earth plates

## Technical specification



### Type DG earth lead adaptors

Earth lead adaptors (type DG) allow for earth continuity to be maintained by providing an earth lead which can be terminated inside the enclosure. Earth lead adaptors have an undercut and EPDM O-ring to maintain IP integrity.

### Type DG earth lead adaptors - certifications and compliances

#### Code of protection categories

ATEX: I M2, Ex e I Mb or II G D, Ex e IIC Gb, Ex IIIC tb Db  
IECEX: Ex e I/IIC Mb/Gb, Ex e I/IIC Mb/Gb, Ex IIIC tb Db  
GOST: ExeIIU  
INMETRO: Ex e IIC Gb, Ex tb IIIC IP66/67

#### Compliance standards

ATEX / GOST: EN 60079-0, EN 60079-7, EN 60079-31  
INMETRO: ABNT NBR IEC 60079-0, ABNT NBR IEC 60079-7, ABNT NBR IEC 60079-31  
IECEX: IEC 60079-0, IEC 60079-7, IEC 61241-1

#### Certificate details

ATEX: Sira 10ATEX1225X, ITS16ATEX101336X  
IECEX: IECEX SIR 12.0014X, IECEX ITS16.0011X  
GOST: TC RUC-G B.1606.B.00105  
INMETRO: NCC 12.0764X

#### Temperature

The item is classified as a component and is therefore not given a temperature rating. The O-ring has an operating temperature of -30°C to +150°C.

### Type DK threaded earth plates

Threaded earth plates (type DK) are designed to ensure earth continuity when terminating brass glands into non-metallic enclosures. The additional use of a locknut is recommended to ensure pressure is maintained with the wall enclosure.

### Type DK threaded earth plates - certifications and compliances

#### Code of protection categories

ATEX: II 2GD, Ex e II

#### Compliance standards

ATEX: EN 50014, EN50018, EN 50019, EN50281-1-1

#### Certificate details

ATEX: Sira 00ATEX1073U

#### Temperature

The item is classified as a component and is therefore not given a temperature rating.



### Product dimensions - earth lead adaptors

Earth lead adaptor	Length (mm)	Earth lead x 300mm (mm²)
M16	38.0	2.5
M20	38.0	2.5
M25	38.0	4.0
M32	38.0	6.0
M40	39.0	10.0
M50	39.0	16.0
M63	39.0	25.0
M75	39.0	25.0

Other sizes / threads are available upon request.

### Product dimensions - threaded earth plates

Threaded earth plate	Length (mm)	Earth lead x 300mm (mm²)
M16	22.0	2.5
M20	30.0	2.5
M25	32.0	4.0
M32	38.0	6.0
M40*	50.8	10.0
M50*	63.5	16.0
M63*	76.0	25.0
M75*	102.0	25.0

\*M40 and above are industrial only

Other sizes / threads are available upon request.

PRODUCT CODING EXAMPLE	Adaptor	Brass	M20 (M)	M20 (F)	Exe	PART NUMBER
	DG	A	12	12	E	= DGA1212E

For full product coding details, consult page 29.