

TECHNICAL DATA SHEET

Type CGS

Cable gland

Harnessflex[®]
SPECIALIST CONDUIT SYSTEMS



Harnessflex compression cable glands are designed to offer effective stable joints and connections in a wiring harness, that also shield against high pressure wash-down, excessive dust ingress, cable strain and mechanical abrasion.

Certifications / Standards:



Features & benefits:

- Straight compression type cable glands, incorporating fixed male threads
- IP69 & IP68 5 bar (for 30 minutes only)
- Mechanical protection and a degree of ingress protection against dust
- Available in black only

Applications:

- Secure cable connections through knockouts and threaded entries

Temperature range:

- Static applications: -40 to +120°C (-40 to +248°F)
- Dynamic applications: -5 to +120°C (-40 to +248°F)

UV Resistance:

- Very high

Material:

- Polyamide 66 (Nylon)
 - UV Resistant
 - Heat Stabilised
- Seal (TPE) Thermoplastic elastomer

Conforms to:

- CE Mark to the low voltage directive
- RoHS Compliant to 2011/65/EU
- End of Life Vehicle directive (ELV) EU200/53/EC

Ingress protection:

- IP68 (5 for 30 minutes)
- IP69

Degree of mechanical protection:

- Medium

Fire performance:

- Low smoke toxicity, halogen free & self extinguishing

Chemical resistance guide:

- Please refer to [TDS000081](#)

Product information

Metric Part No.	Metric thread A	Cable OD range B (mm)	Nominal dimensions (mm)			
			C	D	E	F
CGS-M16	M16 x 1.5mm	4.0 - 10.0	9	34.5	21	23.5
CGS-M20	M20 x 1.5mm	6.0 - 12.0	10	37.0	24	27.0
CGS-M25	M25 x 1.5mm	13.0 - 18.0	11	40.0	30	33.0
CGS-M32	M32 x 1.5mm	17.0 - 25.0	12	49.0	41	45.5
CGS-M40	M40 x 1.5mm	24.0 - 32.0	13	55.0	50	55.5

PG Part No.	PG thread A	Cable OD range B (mm)	Nominal dimensions (mm)			
			C	D	E	F
CGS-PG07	PG7	2.0 - 6.5	8	31.0	17	19.0
CGS-PG09	PG9	4.0 - 10.0	8	33.5	21	23.5
CGS-PG11	PG11	6.0 - 12.0	8	35.0	24	27.0
CGS-PG13	PG13.5	6.0 - 12.0	9	36.0	24	27.0
CGS-PG16	PG16	10.0 - 14.0	10	38.5	27	30.0
CGS-PG21	PG21	13.0 - 18.0	11	40.0	30	33.0
CGS-PG29	PG29	17.0 - 25.0	11	48.0	41	45.5

Available in black only.

