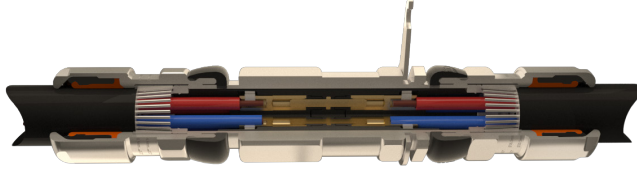




501/RCG Coupler

Increased Safety, Dust Protection
Certified ATEX / IECEx / UKEx



Features

- Quick disconnect pin and socket arrangement inside a connection tube
- Reversible Armour Clamp - For all types of armour and braid
- Patented Cable Gland Tightening Guide - Helps prevent damage caused by over tightening
- Unique Rear Seal - Offering ultimate sealing over an extremely wide cable acceptance range
- External Earthing Tag supplied as standard

The 501/RCG Coupler is certified Exe/Ext, and is an inline quick connection product suitable for use as a cable extension device or an alternative to a junction box. Suitable for all types of cable, including unarmoured, armoured and braided.

International Approvals

501/RCG Coupler Selection Table								
Body Size	Seal/Ring Size	Inner Sheath	Outer Sheath		Steel Wire Armour/Tape/Braid		Max Hexagon Dimensions	
		Max	Min	Max	Orientation 1	Orientation 2	Across Flats	Across Corners
4-Pin	Os	8.1	5.5	12	0.8-1.25	0-0.8	24	26.5
	O	11.4	9.5	16	0.8-1.25	0-0.8	24	26.5
	A	14.3	12.5	20.5	0.8-1.25	0-0.8	30	32.5
6-pin	O	11.4	9.5	16	0.8-1.25	0-0.8	24	26.5
	A	14.3	12.5	20.5	0.8-1.25	0-0.8	30	32.5
	B	19.7	16.9	26	1.25-1.6	0-0.7	36	39.5
	B (AR)	19.7	16.9	26	0.9-1.25	0.5-0.9	36	39.5

For Alternative Ring with 6-pin B size add "AR" to end of code string

Technical Data	
Ingress Protection	IP66, IP67
Deluge Protection	to DTS01
Voltage Rating	300VAC / 212VDC
Ampage	Dependent on conductor size, see T-Rating Selection Table
Conductor Sizes	0.75mm ² - 6mm ²
Over Insulation Acceptance Diameter	Ø5.50mm
Operating Temperature	-60°C to +60°C (may be limited by T-Class)

ATEX/IECEx

ATEX/IECEx Protection Class	Ex II 2 GD Ex eb IIC T6/T5 Gb, Ex tb IIIC T80°C/95°C Db Suitable for use in Zone 1, Zone 21, Zone 2 and Zone 22
ATEX Certificate No	CML20ATEX3217X
IECEx Certificate No	CML20.0137X
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-7 and IEC/EN 60079-31
Additional Certifications	EAC: RU C-GB.HA91.B.00207/21 Inmetro: IEx 21.0011X UKEx: CML21UKEX3073X

Ordering Information		
Name	501/RCG	Product Type
Number of cores	4	4 Pins
	6	6 Pins
Body style	C	Coupler
Cable OD	S	OS (4way)
	O	O (4/6way)
	A	A (4/6way)
	B	B (6way)

Supplied Brass Nickel Plated as standard
 For additional clamping and to meet IEC EN BS 60079-14 10.3, the GMC can be used with the 501/RCG
 A flange mount can be purchased as a separate line item, for details contact Hawke Technical

Order Example: 501/RCG-4-C-A

T-Rating Selection Table		
Conductor Size	T6 +60°C	T5 +50°C
0.75mm ²	5A	5A
1.5mm ²	5A	10A
2.5mm ²	10A	16A
4mm ²	12A	18A
6mm ²	20A	30A

- Product Amp Rating is dependent on conductor size used in installation. Product comes marked with all T-ratings as standard
- Other conductor sizes between the sizes of 0.75mm² - 6mm² may be used.
- If the conductor size is not stated in the table above, the max ampage is restricted to the closest size rounded down. E.g. 3mm² conductor size would be limited to 10A if used in a T6 classification.
- If a mixture of conductor sizes is used, the ampage must be restricted to the smallest diameter used.
- This product may not be connected or disconnected under load.