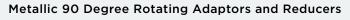
PRODUCT TYPE RA90**



PRODUCT DESCRIPTION "RA**90" Series Dual Certified Right Angled Rotating Adaptors are designed to protect cables when installed in confined spaces where the cable may otherwise be subject to excessive bending and / or stress. The series is available with Male/Male, Male/Female or Female/Female connection threads. They are approved for Ex db, Ex eb, Ex ta and Ex nR methods of explosion protection whilst

New

Produc

Ex db : Ex eb : Ex nR : Ex ta : IP66 : IP68

maintaining IP66, IP68 for IEC type applications.

PART NUMBERS:

MM90

FF90

CERTIF

RA MF90 0 B F

S



EXAMPLE PART NUMBERING: RAMM900BF/NP/M20/M20

CCESSORIES OPTIONAL

NOTES

RA Rotating Thread converting Adaptor/Reducer

MF90 Male / Female (MF90) - Male / Male (MM90) - Female/Female (FF90) 0 No IP O-ring Brass (B) - Stainless Steel (S) Ex db & Ex eb certification к-v-н Locknut & Nylon (K) - Fibre (V) - PTFE (H) IP Washer s Including Serrated Washer 1 Quantity per kit NP Nickel Plated M20 Male Entry Thread Female Entry Thread M20

COMPLIANCE STANDARDS: EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-15, IEC 60079-31 & IEC 60529						
ATION:	ATEX	I M2 II 1D 2G Ex db I Mb / Ex db IIC Gb / Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da II 3G Ex nR IIC Gc				
CERTIFICATION:	IECEx	Ex db I Mb / Ex db IIC Gb / Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da / Ex nR IIC Gc				
No:	ATEX	CML 19ATEX1330X & CML 19ATEX4331X				
-ICATION No:	IECEX	IECEx CML 19.0101X				

IP Washers	(N) Nylon (ACNSW) - (J) Fibre (ACFSW) - (Z) PTFE (ACPSW)
Earth Tag	(T) Brass (ACBET) - St-Steel (ACSET)
Locknut	(L) Brass (ACBLN) - St-Steel (ACSLN)
Serrated Washer	(S) Stainless Steel (ACSSW)

IP RATING:	IP66 & IP68 (100 metres for 7 days)		
OPERATING TEMPERATURE:	Washer - None	-60°C to +135°C	
	Washer - Fibre	-40°C to +95°C	
	Washer - Nylon	-40°C to +135°C	
	Washer - PTFE	-60°C to +135°C	
MATERIALS:	Brass or Stainless Steel		
PLATING:	Electroless Nickel		

Male and Female Thread References and Size information can be found on page 40 of our product catalogue. Adaptor and Reducer size information is available on request sales@peppers.co.uk.

Male and female threads are manufactured in accordance with:-

- ISO Metric threads to ISO 965-1, ISO 965-3, BS3643 and IEC 60423
- NPT and NPS threads are in accordance to ANSI B1.20.1
- PG threads to DIN40430
- ET threads to Imperial Conduit BS31
- ISO Pipe Parallel to ISO 228 and BS2779 (BSPP, G, R, PF & Tpy 6)
- ISO Pipe Taper to ISO 7-1 and BS21 (BSPT, Gc, Gk, Rk, PT & Kmpy 6)

Assembly instructions must be read prior to installation and adhered to in full.

For Ex d applications female threads must comply with clause 5.3 of IEC 60079-1.
For Ex nR applications parallel entry threads must be installed with a suitable entry thread seal.

ATEX / IECEx versions are supplied as standard.

· Peppers supply products with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. They usually incorporate a thread run out according to the available machining techniques and will not have a full form thread for the entire length. Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.