



### Certification Information

- \* Certification Number CML 23 ATEX 1062X
- \* Certification Number IECEx CML 23.0024X
- \* Approved to (Gas) Ⓜ db eb IIC T6 Gb
- \* Approved to (Dust) Ⓜ tb IIIC T80°C Db
- \* Ingress Protection IP66/IP67 (EN60529)
- \* Ambient Temperature Range -40°C to +60°C
- \* Additional certification offered as standard, see InstrumEx data sheet

### Features

- \* Nickel plated brass as standard - Optional stainless steel available
- \* Design allows for Live connection & disconnection
- \* 4 & 9 way solutions suitable for conductors from 0.5mm<sup>2</sup> to 2.5mm<sup>2</sup>
- \* Contact ratings up to 10A
- \* 8 way solutions are predominantly designed for Ethernet applications
- \* Reversible armour clamping ring for SWA/SWB cables
- \* Additional external clamp for non-armoured cables - see accessories
- \* Unique insert keying system prevents cross-mating
- \* Connector plugs and connector receptacles are key selectable on installation
- \* Electrical rating (4 & 9 way) 250V AC 50/60Hz 10A AC21 & AC1 1A AC3
- \* Electrical rating (4 & 9 way) 60V DC 2.5A DC21 & DC1 0.5A DC3
- \* Electrical rating (8 way) 60V DC 0.5A DC21 & DC1 0.1A DC3
- \* Suitable for cables with an overall diameter between 5.5mm to 26mm



NCP-X-DSA-XXS-A



NCR-X-DPA-XXS-A

### InstrumEx 4 & 9 Way Inline Connectors (Zone 1 & Zone 21)

Part Number	Connector Style	Cable Cross Section	Insert Type	Cable Gland Seal	Armour Clamp Size
NCP-X-APS-XXS-A	Connector Plug	4 x 0.5mm <sup>2</sup> to 1.0mm <sup>2</sup>	Pin Insert	O / OS size 5.5mm - 16mm	0.8 - 1.25 / 0.0 - 0.8
NCP-X-ASS-XXS-A			Socket Insert		
NCP-X-BPS-XXS-A		4 x 1.5mm <sup>2</sup> to 2.5mm <sup>2</sup>	Pin Insert	A size 12.5mm - 20.5mm	
NCP-X-BSS-XXS-A			Socket Insert		
NCP-X-DPA-XXS-A		9 x 0.5mm <sup>2</sup> to 1.0mm <sup>2</sup>	Pin Insert	O / OS size 5.5mm - 16mm	
NCP-X-DSA-XXS-A			Socket Insert		
NCP-X-EPA-XXS-A		9 x 1.5mm <sup>2</sup> to 2.5mm <sup>2</sup>	Pin Insert	A size 12.5mm - 20.5mm	
NCP-X-ESA-XXS-A			Socket Insert		
NCR-X-APS-XXS-A	Connector Receptacle	4 x 0.5mm <sup>2</sup> to 1.0mm <sup>2</sup>	Pin Insert	O / OS size 5.5mm - 16mm	
NCR-X-ASS-XXS-A			Socket Insert		
NCR-X-BPS-XXS-A		4 x 1.5mm <sup>2</sup> to 2.5mm <sup>2</sup>	Pin Insert	A size 12.5mm - 20.5mm	
NCR-X-BSS-XXS-A			Socket Insert		
NCR-X-DPA-XXS-A		9 x 0.5mm <sup>2</sup> to 1.0mm <sup>2</sup>	Pin Insert	O / OS size 5.5mm - 16mm	
NCR-X-DSA-XXS-A			Socket Insert		
NCR-X-EPA-XXS-A		9 x 1.5mm <sup>2</sup> to 2.5mm <sup>2</sup>	Pin Insert	A size 12.5mm - 20.5mm	
NCR-X-ESA-XXS-A			Socket Insert		

### InstrumEx 8 Way Inline Connectors (Zone 1 & Zone 21)

Part Number	Connector Style	Cable Cross Section	Insert Type	Cable Gland Seal	Armour Clamp Size
NCP-X-CPS-XXS-A	Connector Plug	8 x 0.14mm <sup>2</sup> to 0.37mm <sup>2</sup>	Pin Insert	O / OS size 5.5mm - 16mm	0.8 - 1.25 / 0.0 - 0.8
NCP-X-CSS-XXS-A			Socket Insert		
NCR-X-CPS-XXS-A	Connector Receptacle		Pin Insert		
NCR-X-CSS-XXS-A			Socket Insert		

### InstrumEx Accessories

Part Number	Description	Size	Material	No. Connections
INST/NPB/CLAMP/O-OS	Cable Clamp For Non-Armoured Cables	O & OS	Nickel Plated Brass	4 way / 9 way
INST/NPB/CLAMP/A		A		9 way
INST/NPB/CLAMP/B		B		9 way

Hawke International's ControlEx and PowerEx connectors are also available on request.

