



Description	Links to Other Materials
-------------	--------------------------

<p>M12 A-code 3,4 and 5-pin unshielded assemblies are widely used across various industrial markets including machinery and automation. Available in different configurations (e.g. straight to straight or straight to angled), M12 A-code unshielded overmolded assemblies play a key role when establishing connections to sensors and industrial devices.</p>	<ul style="list-style-type: none"> ■ M12 A-code 3-pin, 4-pin and 5-pin variants <ul style="list-style-type: none"> — Jacket material <ul style="list-style-type: none"> – PVC – PUR – TPE — Configurations <ul style="list-style-type: none"> – Double-ended – Single-ended
---	--

Specs

- | | |
|---|--|
| <ul style="list-style-type: none"> ■ Number of contacts: 3, 4, 5 ■ Wire size: AWG 22 ■ PVC, PUR and TPE cable jacket material ■ Shielding: Unshielded | <ul style="list-style-type: none"> ■ Voltage rating: 3 / 4-pin: 250V 5-pin: 60V ■ Current rating: 4A ■ Operating temperature: -25C to +80C or -40C to +80C ■ Protection rating: IP65/IP67 |
|---|--|

Markets

- | | |
|--|---|
| <ul style="list-style-type: none"> ■ Automation ■ Robotics | <ul style="list-style-type: none"> ■ Machinery ■ Energy |
|--|---|

Applications

- | |
|---|
| <ul style="list-style-type: none"> ■ Sensor / actuator connections ■ DC power supply ■ Motor connections ■ Junction boxes |
|---|

Feature	Advantage	Benefit
---------	-----------	---------

<ul style="list-style-type: none"> ■ Machined coupling nut with anti-rotation feature 	<ul style="list-style-type: none"> ■ High quality, robust coupling nut for secure connection between assembly and device 	<ul style="list-style-type: none"> ■ Guarantees secured connection in high shock and vibration environments with IP65/67 protection
<ul style="list-style-type: none"> ■ Low profile construction (angled variants) 	<ul style="list-style-type: none"> ■ Space saving with optimized cable routing 	<ul style="list-style-type: none"> ■ Connection to receptacle can be established in very narrow and space-limited locations
<ul style="list-style-type: none"> ■ 3 cable jacket materials 	<ul style="list-style-type: none"> ■ Provides additional options to customers when selecting an assembly 	<ul style="list-style-type: none"> ■ Users can select the jacket material that best fits their needs and requirements