

# M12 ROUND PLUG CONNECTORS

Field-wireable

– Insulation displacement technology

Male

straight



Female

straight



Approvals:

M12 Round Plug Connectors

1 Form	12461 me✘	12481 me✘	12581 me✘	12601 me✘
Type	3-pole	4-pole	3-pole	4-pole
Circuit diagram				
Connection cross section	0.25...0.5 mm <sup>2</sup>			
Contact layout	Male 	Male 	Female 	Female 
<b>Technical Data</b>				
Operating voltage	max. 32 V AC/DC			
Operating current per contact	max. 4 A			
Connection cross section	0.25...0.5 mm <sup>2</sup> (conductor diameter min. 0.1 mm)			
Sealing range (cable diameter)	4...5.1 mm			
Wire isolation	PVC, PP, TPE			
Outer wire diameter	1.2...1.6 mm			
Locking of ports	Screw thread M12 × 1 mm (recommended torque 0.6 Nm) self-securing			
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)			
Temperature range	-25...+85 °C			
<b>Article No.</b>				
The composition of your article number is explained on page 3.1.i	<div style="display: flex; justify-content: space-between; align-items: center;"> <span><u>7</u> <u>0</u> <u>0</u> <u>0</u></span> <span>-</span> <span>_____</span> <span>-</span> <span><u>0</u> <u>0</u> <u>0</u></span> <span><u>0</u> <u>0</u> <u>0</u> <u>0</u></span> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <span><u>7</u> <u>0</u> <u>0</u> <u>5</u></span> <span>M12 Lite (plastic hexagonal screw) on request</span> </div>			
	<b>1 Form</b>			
<b>Notes</b>	Other versions on request.			