



FLASH PLUSCON

April 2011

M12 High-flex cordsets

Molded cordsets and extension cables designed for harsh motion applications.

In the areas of robotics, motion systems and C-track, a cable is often required to flex, bend and twist continuously during the manufacturing process. For this reason, highly flexible cables are needed with torsional and bending strength over and beyond the normal PUR cable material. Phoenix Contact now offers high-flex M12 cordsets as part of the PLUSCON SAC product range.

Product Features:

- 3-, 4-, 5-position M12
- Zinc die-cast coupling nut
- Gray PUR jacket, welding slag-resistant
- Flexible to 15,000,000 bend cycles
- Halogen, silicone, and cadmium free
- Excellent resistance to acids, alkaline solutions and solvents
- IP65/IP68/IP69K



Order Details:

Part Number	Type	Description
1456679	SAC-3P- 1,5-800/M12FS	3-pole M12 female straight, 1.5 m
1456682	SAC-3P- 3,0-800/M12FS	3-pole M12 female straight, 3 m
1456695	SAC-3P- 5,0-800/M12FS	3-pole M12 female straight, 5 m
1456705	SAC-3P-10,0-800/M12FS	3-pole M12 female straight, 10 m
1454260	SAC-3P- 1,5-800/M12FR	3-pole M12 female rt. angle, 1.5 m
1456718	SAC-3P- 3,0-800/M12FR	3-pole M12 female rt. angle, 3 m
1454273	SAC-3P- 5,0-800/M12FR	3-pole M12 female rt. angle, 5 m
1454299	SAC-3P-10,0-800/M12FR	3-pole M12 female rt. angle, 10 m
1454312	SAC-3P- 1,5-800/M12FR-2L	3-pole M12 female rt. angle, two LEDs, 1.5 m
1456721	SAC-3P- 3,0-800/M12FR-2L	3-pole M12 female rt. angle, two LEDs, 3 m
1454325	SAC-3P- 5,0-800/M12FR-2L	3-pole M12 female rt. angle, two LEDs, 5 m
1454341	SAC-3P-10,0-800/M12FR-2L	3-pole M12 female rt. angle, two LEDs, 10 m
1456734	SAC-3P-M12MS/ 1,5-800	3-pole M12 male straight, 1.5 m
1456747	SAC-3P-M12MS/ 3,0-800	3-pole M12 male straight, 3 m
1456750	SAC-3P-M12MS/ 5,0-800	3-pole M12 male straight, 5 m
1456763	SAC-3P-M12MS/10,0-800	3-pole M12 male straight, 10 m



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1456776	SAC-3P-M12MS/ 0,3-800/M12FS	3-pole M12 male str./female str., 0.3 m
1456789	SAC-3P-M12MS/ 0,6-800/M12FS	3-pole M12 male str./female str., 0.6 m
1456792	SAC-3P-M12MS/ 1,5-800/M12FS	3-pole M12 male str./female str., 1.5 m
1456802	SAC-3P-M12MS/ 3,0-800/M12FS	3-pole M12 male str./female str., 3 m
1456815	SAC-3P-M12MS/ 0,3-800/M12FR	3-pole M12 male str./female rt. angle., 0.3 m
1456828	SAC-3P-M12MS/ 0,6-800/M12FR	3-pole M12 male str./female rt. angle., 0.6 m
1456831	SAC-3P-M12MS/ 1,5-800/M12FR	3-pole M12 male str./female rt. angle., 1.5 m
1456844	SAC-3P-M12MS/ 3,0-800/M12FR	3-pole M12 male str./female rt. angle., 3 m
1456857	SAC-3P-M12MS/ 0,3-800/M12FR-2L	3-pole M12 male str./female rt. angle., two LEDs, 0.3 m
1456860	SAC-3P-M12MS/ 0,6-800/M12FR-2L	3-pole M12 male str./female rt. angle., two LEDs, 0.6 m
1456873	SAC-3P-M12MS/ 1,5-800/M12FR-2L	3-pole M12 male str./female rt. angle., two LEDs, 1.5 m
1456886	SAC-3P-M12MS/ 3,0-800/M12FR-2L	3-pole M12 male str./female rt. angle., two LEDs, 3 m
1456899	SAC-3P-M12MR/ 1,5-800	3-pole M12 male rt. angle, 1.5 m
1456909	SAC-3P-M12MR/ 3,0-800	3-pole M12 male rt. angle, 3 m
1456912	SAC-3P-M12MR/ 5,0-800	3-pole M12 male rt. angle, 5 m
1456925	SAC-3P-M12MR/10,0-800	3-pole M12 male rt. angle, 10 m
1456938	SAC-4P- 1,5-800/M12FS	4-pole M12 female straight, 1.5 m
1456941	SAC-4P- 3,0-800/M12FS	4-pole M12 female straight, 3 m
1567322	SAC-4P- 5,0-800/M12FS	4-pole M12 female straight, 5 m
1567335	SAC-4P-10,0-800/M12FS	4-pole M12 female straight, 10 m
1456954	SAC-4P- 1,5-800/M12FR	4-pole M12 female rt. angle, 1.5 m
1456967	SAC-4P- 3,0-800/M12FR	4-pole M12 female rt. angle, 3 m
1456970	SAC-4P- 5,0-800/M12FR	4-pole M12 female rt. angle, 5 m
1456983	SAC-4P-10,0-800/M12FR	4-pole M12 female rt. angle, 10 m
1456996	SAC-4P- 1,5-800/M12FR-3L	4-pole M12 female rt. angle, three LEDs, 1.5 m
1457005	SAC-4P- 3,0-800/M12FR-3L	4-pole M12 female rt. angle, three LEDs, 3 m
1567351	SAC-4P- 5,0-800/M12FR-3L	4-pole M12 female rt. angle, three LEDs, 5 m
1567364	SAC-4P-10,0-800/M12FR-3L	4-pole M12 female rt. angle, three LEDs, 10 m
1457018	SAC-4P-M12MS/ 1,5-800	4-pole M12 male straight, 1.5 m
1457021	SAC-4P-M12MS/ 3,0-800	4-pole M12 male straight, 3 m
1457034	SAC-4P-M12MS/ 5,0-800	4-pole M12 male straight, 5 m
1457047	SAC-4P-M12MS/10,0-800	4-pole M12 male straight, 10 m
1457050	SAC-4P-M12MS/ 0,3-800/M12FS	4-pole M12 male str./female str., 0.3 m
1457063	SAC-4P-M12MS/ 0,6-800/M12FS	4-pole M12 male str./female str., 0.6 m
1567270	SAC-4P-M12MS/ 1,5-800/M12FS	4-pole M12 male str./female str., 1.5 m
1457076	SAC-4P-M12MS/ 3,0-800/M12FS	4-pole M12 male str./female str., 3 m
1457089	SAC-4P-M12MS/ 0,3-800/M12FR	4-pole M12 male str./female rt. angle., 0.3 m
1567225	SAC-4P-M12MS/ 0,6-800/M12FR	4-pole M12 male str./female rt. angle., 0.6 m
1567238	SAC-4P-M12MS/ 1,5-800/M12FR	4-pole M12 male str./female rt. angle., 1.5 m
1457092	SAC-4P-M12MS/ 3,0-800/M12FR	4-pole M12 male str./female rt. angle., 3 m



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1457102	SAC-4P-M12MS/ 0,3-800/M12FR-3L	4-pole M12 male str./female rt. angle, three LEDs, 0.3 m
1567173	SAC-4P-M12MS/ 0,6-800/M12FR-3L	4-pole M12 male str./female rt. angle, three LEDs, 0.6 m
1567199	SAC-4P-M12MS/ 1,5-800/M12FR-3L	4-pole M12 male str./female rt. angle, three LEDs, 1.5 m
1457115	SAC-4P-M12MS/ 3,0-800/M12FR-3L	4-pole M12 male str./female rt. angle, three LEDs, 3 m
1457128	SAC-4P-M12MR/ 1,5-800	4-pole M12 male rt. angle, 1.5 m
1457131	SAC-4P-M12MR/ 3,0-800	4-pole M12 male rt. angle, 3 m
1457144	SAC-4P-M12MR/ 5,0-800	4-pole M12 male rt. angle, 5 m
1457157	SAC-4P-M12MR/10,0-800	4-pole M12 male rt. angle, 10 m
1454419	SAC-5P- 1,5-802/M12FS	5-pole M12 female straight, 1.5 m
1457160	SAC-5P- 3,0-802/M12FS	5-pole M12 female straight, 3 m
1454422	SAC-5P- 5,0-802/M12FS	5-pole M12 female straight, 5 m
1454448	SAC-5P-10,0-802/M12FS	5-pole M12 female straight, 10 m
1457173	SAC-5P- 1,5-802/M12FR	5-pole M12 female rt. angle, 1.5 m
1457186	SAC-5P- 3,0-802/M12FR	5-pole M12 female rt. angle, 3 m
1457199	SAC-5P- 5,0-802/M12FR	5-pole M12 female rt. angle, 5 m
1457209	SAC-5P-10,0-802/M12FR	5-pole M12 female rt. angle, 10 m
1454367	SAC-5P- 1,5-802/M12FR-3L	5-pole M12 female rt. angle, three LEDs, 1.5 m
1457212	SAC-5P- 3,0-802/M12FR-3L	5-pole M12 female rt. angle, three LEDs, 3 m
1454370	SAC-5P- 5,0-802/M12FR-3L	5-pole M12 female rt. angle, three LEDs, 5 m
1454396	SAC-5P-10,0-802/M12FR-3L	5-pole M12 female rt. angle, three LEDs, 10 m
1457225	SAC-5P-M12MS/ 1,5-802	5-pole M12 male straight, 1.5 m
1457238	SAC-5P-M12MS/ 3,0-802	5-pole M12 male straight, 3 m
1457241	SAC-5P-M12MS/ 5,0-802	5-pole M12 male straight, 5 m
1457254	SAC-5P-M12MS/10,0-802	5-pole M12 male straight, 10 m
1457267	SAC-5P-M12MS/ 0,3-802/M12FS	5-pole M12 male straight/female straight, 0.3 m
1454561	SAC-5P-M12MS/ 0,6-802/M12FS	5-pole M12 male straight/female straight, 0.6 m
1454587	SAC-5P-M12MS/ 1,5-802/M12FS	5-pole M12 male straight/female straight, 1.5 m
1457270	SAC-5P-M12MS/ 3,0-802/M12FS	5-pole M12 male straight/female straight, 3 m
1457283	SAC-5P-M12MS/ 0,3-802/M12FR	5-pole M12 male straight/female rt. angle, 0.3 m
1454516	SAC-5P-M12MS/ 0,6-802/M12FR	5-pole M12 male straight/female rt. angle, 0.6 m
1454532	SAC-5P-M12MS/ 1,5-802/M12FR	5-pole M12 male straight/female rt. angle, 1.5 m
1457296	SAC-5P-M12MS/ 3,0-802/M12FR	5-pole M12 male straight/female rt. angle, 3 m
1457306	SAC-5P-M12MS/ 0,3-802/M12FR-3L	5-pole M12 male str./female rt. angle, three LEDs, 0.3 m
1454464	SAC-5P-M12MS/ 0,6-802/M12FR-3L	5-pole M12 male str./female rt. angle, three LEDs, 0.6 m
1454480	SAC-5P-M12MS/ 1,5-802/M12FR-3L	5-pole M12 male str./female rt. angle, three LEDs, 1.5 m
1457319	SAC-5P-M12MS/ 3,0-802/M12FR-3L	5-pole M12 male str./female rt. angle, three LEDs, 3 m
1457322	SAC-5P-M12MR/ 1,5-802	5-pole M12 male rt. angle, 1.5 m
1457335	SAC-5P-M12MR/ 3,0-802	5-pole M12 male rt. angle, 3 m
1457348	SAC-5P-M12MR/ 5,0-802	5-pole M12 male rt. angle, 5 m
1457351	SAC-5P-M12MR/10,0-802	5-pole M12 male rt. angle, 10 m