

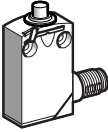


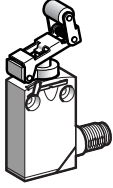
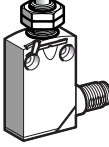
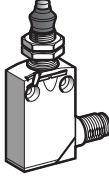
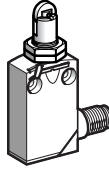
Limit switches


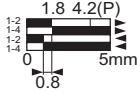
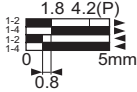
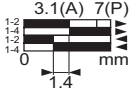
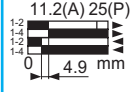
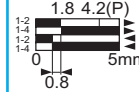
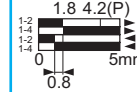
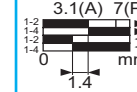


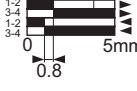
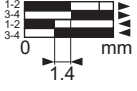
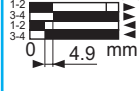
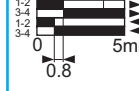
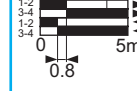



XC Standard range







Miniature design miniature, metal, XCMD

Complete units

Connector

Type of head	Plunger (fixing by the body)				Plunger (fixing by the head)		
							
Type of operator	Metal end plunger	Metal end plunger with elastomer boot (1)	Steel roller plunger	Retractable steel roller lever plunger	M12 with metal end plunger	M16 with metal end plunger with elastomer boot (1)	M12 with steel roller plunger

References							
 <p>Single-pole CO snap action + integral M12 4-pin connector</p>	 <p>XCMD2110M12</p>	 <p>XCMD2111M12</p>	 <p>XCMD2102M12</p>	 <p>XCMD2124M12</p>	 <p>XCMD21F0M12</p>	 <p>XCMD21G1M12</p>	 <p>XCMD21F2M12</p>
	 <p>2-pole NC + NO snap action + integral M12 5-pin connector</p>	 <p>XCMD2110C12</p>	 <p>XCMD2111C12</p>	 <p>XCMD2102C12</p>	 <p>XCMD2124C12</p>	 <p>XCMD21F0C12</p>	 <p>XCMD21G1C12</p>
Weight (kg)	0.085	0.085	0.090	0.105	0.100	0.125	0.110
Contact operation	 closed  open		(A) = cam displacement (P) = positive opening point		 NC contact with positive opening operation		

Complementary characteristics not shown under general characteristics (see page 27)						
Switch actuation	On end	By 30° cam		On end	By 30° cam	
Type of actuation						
Maximum actuation speed	0.5 m/s				0.1 m/s	
Mechanical durability	10 million operating cycles					
Minimum force or torque	For tripping	8.5 N	7 N	2.5 N	8.5 N	7 N
	For positive opening	42.5 N	35 N	12.5 N	42.5 N	35 N
Positive operation	Although their design is identical to the pre-cabled switches, the switches incorporating an M12 4-pin connector cannot be marked with the  symbol because they are single-pole CO.					

(1) Nitrile for indoor use.