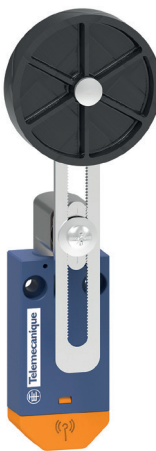
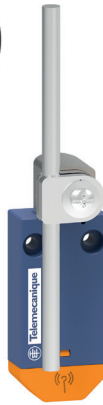
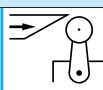
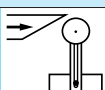
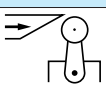
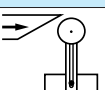


Limit switches

XCMW range

Wireless and batteryless limit switches

Miniature format

Type of head	Plunger (fixing by the body)		Rotary (fixing by the body)				
							
Type of operator	Metal end plunger	Steel roller plunger	Steel or thermoplastic roller lever (1) (2)	Variable length steel or thermoplastic roller lever (1) (2)	Thermoplastic roller lever, Ø 50 mm (1) (2)	Variable length thermoplastic roller lever, Ø 50 mm (1) (2)	Round thermoplastic rod lever, Ø 6 mm (2) (3) (4)
References							
	XCMW110	XCMW102	XCMW115 (thermoplastic) XCMW116 (steel)	XCMW145 (thermoplastic) XCMW146 (steel)	XCMW139	XCMW149	XCMW159
							
Weight (kg)	0.040	0.045	0.085 0.090	0.095 0.100	0.100	0.110	0.080
Receiver output status	 Closed  Open		(A) = Cam displacement				
Characteristics							
Switch actuation	On end	By 30° cam					By any moving part
Type of actuation							
Maximum actuation speed	0.5 m/s		1.5 m/s				1 m/s
Mechanical durability (in millions of operating cycles)	25	15	20				
Minimum force or torque	For actuation	15 N	12 N	0.10 N.m			
	For positive opening	30 N	20 N	0.15 N.m	0.15 N.m	—	—

(1) Adjustable throughout 360° in 5° steps, or in 90° steps by reversing the notched washer.

(2) A limit switch without a lever can be ordered: reference XCMW101.

(3) Adjustable throughout 360° in 5° steps, or in 45° steps by reversing the lever mounting.

(4) Value taken with actuation by moving part 100 mm from the fixing.