



Male face view (mating side)



1. Dimensions in mm. Do not scale.
2. Connector: M12 × 1.0, X-coded, per IEC 61076-2-101.
3. Termination: PCB pins.
4. Front mount (FR) installs from the front of the panel; rear mount (RR) from behind.
5. Panel thread: Rear-mount male and front-mount female: PG9 or M16. Compact front-mount male: M16 × 1.5. Right-angle female: M12 × 1.0 front mount.
6. Contacts: brass, gold plated. Nut and shell: brass, nickel plated. Seal: FKM.
7. Ordering code:
M12X-8P-[M/F]-[ST/RA]-[FR/RR]-PCB-[PG9/M16/M12].

 FormRep, St. Joseph, MO formrep.com · 816-782-7800 Representative drawing. Subject to change.	TITLE	M12 X-Coded Panel-Mount Receptacle, PCB Pins
	DWG NO.	M12X-PM-PCB
	REV	A
	DATE	2026-10-14
	CREATED BY	FormRep
UNITS	mm	