```c
/*
 * File:   pec12.h
 * Author: ricch
 *
 * Created on August 30, 2023, 9:15 AM
 */

#ifndef PEC12_H
#define PEC12_H

#ifdef __cplusplus
extern "C" {
#endif

#include <stdbool.h>

typedef struct
{
    bool state[4];

} CHANNEL;

typedef struct
{
    CHANNEL chA;
    CHANNEL chB;
    CHANNEL chC;
    int8_t incrOrDecr;
    bool isPressed;

} PEC12;



void scanPec12(void);
int8_t getPec12IncrOrDecr(void);



#ifdef __cplusplus
}
#endif

#endif  /* PEC12_H */
```